CANADA

REPORT

OF THE

MINISTER OF PUBLIC WORKS

ON THE

WORKS UNDER HIS CONTROL

FOR THE

FISCAL YEAR ENDED MARCH 31

1920

Submitted in Accordance with the Provisions of Chapter 39, Section 34, of the Revised Statutes of Canada

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To His Excellency the Duke of Devonshire, K.G., P.C., G.C.M.G., G.C.V.O., etc., etc., Governor General and Commander in Chief of the Dominion of Canada.

I have the honour to lay before Your Excellency the Report of the Department of Public Works of Canada, for the fiscal year ended March 31, 1920.

I have the honour to be, sir,

Your Excellency's most obedient servant,

F. B. McCURDY,
Minister of Public Works.

OTTAWA, November 9, 1920.

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CHIEF ENGINEER.

GENERAL SUPERINTENDENT OF TELEGRAPHS.

COLLECTOR OF REVENUE.

CHIEF ACCOUNTANT.

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" " public building	13–151–187
Yorkton, Sask., public building	167–197
York bridge, Ont.	185
Youngs Cove, N.B.	176
Yukon, public buildings	171
" telegraphs	86–133

REPORT

OF THE

DEPUTY MINISTER OF PUBLIC WORKS

FOR THE

FISCAL YEAR ENDED MARCH 31, 1920.

DEPARTMENT OF PUBLIC WORKS, CANADA.

OTTAWA, October 15, 1920.

Hon. F. B. McCURDY,
Minister of Public Works,
Ottawa, Ont.

SIR,—I have the honour to submit the report of the Department of Public Works for the fiscal year ended March 31, 1920.

EXPENDITURE.

The total expenditure incurred by the department during the fiscal year 1919-20, on its various works of construction, maintenance, and operation amounted to the sum of $20,455,459.85, of which the sum of $4,337,127.33 is charged to the War Appropriation. The details of this outlay may be classified under the following subdivisions:—

Harbour and river works	$ 4,320,580 92
Dredging, plant, etc	1,205,485 93
Slides and booms	33,338 61
Roads and bridges	202,887 77
Public buildings	8,442,124 08
Telegraphs	885,730 19
Miscellaneous	1,028,185 02
Total	$16,118,332 52
Expenditure chargeable to War Appropriation, not included in above	4,337,127 33
Grand total	$20,455,459 85

As compared with the total for the previous year there is a reduction of $940,040.60 brought about by a material falling-off in the War Appropriation amounting to $4,155,376.54, but this is to a great extent counterbalanced by an increase of $1,139,232.02 in the harbour and river works, accounted for in large measure by the cost of improvements being made at St. John, N.B., amounting to $962,000, an increase over last year of $716,000; an increase of $975,444.73 in public buildings, the largest item being $408,000 for Postal Station "A" at Toronto. Dredging operations account for $527,985.64, the larger increases being in the Maritime Provinces, Quebec and British Columbia. There was an increase in miscellaneous expenditure owing principally to the cost of living bonus.

REVENUE.

The revenue for the year amounted to the sum of $633,090.26 and is made up as follows:—

Slides and booms	$ 48,133 41
Graving docks	81,147 59
Rents	143,355 44
Telegraphs	277,748 95
Casual revenue	81,072 87
Ferries	1,632 00
Total	$633,090 26

The total revenue increase over the fiscal year 1918-19, is $102,607.65, and consists of $41,691.16 from rents, $46,417.30 from telegraphs of which $27,356.39 was from the Northwest lines, $14,589.13 from the Yukon, and $4,168.59 from British Columbia. There was an increase of $31,369.96 from slides and booms, but the receipts from this source were chiefly arrears paid in by the lessees of the St. Maurice river works. In a few years the revenue from the slide and boom systems will practically disappear, but this will represent a substantial gain rather than a loss to the Government by reason of the fact that the cost of staff and maintenance in operating these works for a number of years past has been greatly in excess of the revenue derived, and under these circumstances the Government decided that works of this character, being solely for the benefit of one particular industry, should henceforth be operated at the expense of those directly interested. The sources of casual revenue vary, of course, from year to year, the receipts this year being mainly accounted for by the sale of obsolete items of dredging plant and the rental of other items which were not required to be placed in commission. A considerable sum was also realized from the sale of old buildings and material.

HARBOUR AND RIVER WORKS.

The total expenditure in this branch of the Department of Public Works was $4,320,580.92, which is $1,139,232.02 greater than last year's outlay.

The following is a list of works which have been completed during the year:—

Nova Scotia.—Chimney Corner, wharf; Halifax, north slip, King's wharf; Lower Kingsburg, breakwater; Spry Bay, wharf extension.

Quebec.—Richmond, three ice-breakers; Vercheres, wharf; Ste. Anne de Chicoutimi, floating pontoon.

Manitoba.—Sutherland, water supply system; Little Pembina river, diversion.

British Columbia.—Esquimalt dockyard, reconstruction of wharf; Half Moon Lay, wharf; Hardy bay, float; Okanagan Centre, wharf; New Massett, wharf, Vancouver, sprinkler system; Victoria, adjustable slip, pier No. 3; Victoria, shed, pier No. 3; William Head, wharf; Port Essington, landing float; Whitemans, wharf. Floats were built at Coal Harbour, Egmont, Hardy Bay, Lasquiti Island (Tucker bay), Gonzales Landing, Port Alberni, Port Moody.

The following works were under contract, but unfinished at the end of the fiscal year:—

Nova Scotia.—Shenacadie, wharf.

New Brunswick.—Courtenay bay, breakwater extension, dredging, dry-dock, etc.; West St. John, grain conveyers; West St. John, grain conveyer equipment.

Prince Edward Island.—North lake, protection work.

Quebec.—Champlain dry-dock.

Ontario.—Toronto, harbour works; Fort William, revetment wall; Port Arthur (Bare point), breakwater extension; Toronto, island breakwater.

Manitoba.—The Pas, wharf.

British Columbia.—Naramata, wharf; Stewart, wharf.

Bridges.—Ottawa-Hull; North Temiskaming; St. Louis, bridge abutment.

DREDGING.

The sum expended under this heading amounted to $1,205,485.93, which is $527,985.64 in excess of the outlay of the previous year.

The cessation of hostilities relieved shipping of the unusual restrictions to which it had been subjected, and, as was to be expected, trade of this nature evidenced a return to normal routes and conditions. As far as possible, the department met the demands of shipping for necessary dredging to restore the required widths and depths in channels and harbours.

As only such works as were considered urgently required in the public interest were carried out there were a number of units of departmental plant not in commission. A number of these units were rented to private parties at considerable gain to the Government.

In this way valuable units have been maintained at no cost to the department, but will be available for use when, as is expected, the water-borne commerce of the Dominion increases to such an extent as to warrant the Government meeting legitimate demands for increased facilities.

No new plant has been constructed or acquired, and two dredges which had outlived their usefulness were disposed of. Other units of plant, not in commission by this department, were loaned other departments, as required.

In British Columbia, operations were continued at the mouth of the Fraser river, and the channel of the North Arm of the Fraser river was dredged. The channel of the Columbia river, between the Upper and Lower Arrow lakes, was improved.

Navigation was maintained in the Red river and lake Winnipeg, in Manitoba.

The work of dredging the harbour of Fort William, Ont., was completed during the season; at Port Arthur the dredging adjacent to the Richardson and Grain Growers' elevators was completed, and minor cleaning up in both harbours attended to.

Some very necessary cleaning up in the St. Mary's river, at Sault Ste. Marie, was carried on, resulting in greatly-increased safety for navigation at that point.

The harbours of Port Burwell and Toronto were maintained in the interest of the large water-borne commerce at these places.

The resumption of water shipments, especially of lumber, warranted the department improving navigation conditions at Campbellton, Bathurst, and the Miramichi, in New Brunswick.

In Nova Scotia, important work was done at Yarmouth, Liverpool and the Sydneys.

Special reports to the number of fifty-seven were forwarded during the year to the Departments of Marine and Naval Service, covering works of dredging performed during the season, so that mariners might be kept acquainted, by means of alterations of charts and Notices to Mariners, with such work as had been accomplished.

In the further interest of efficiency, various departments of the Government, which had knowledge of a special nature relating to problems presented to this department, have been consulted to considerable advantage.

Dredging operations were carried on at the following places, where an expenditure of $10,000 or over was made:—

Nova Scotia.—Digby, Liverpool, New Glasgow, North Sydney and Yarmouth.

Prince Edward Island.—Murray Harbour and Naufrage.

New Brunswick.—Bathurst, St. John and Washademoak lake.

Quebec.—Baie de Ha-Ha, Rimouski, riviere Batiscan, river St. Maurice and Three Rivers.

Ontario.—Fort William, Kincardine, Port Arthur, Port Burwell, Sault Ste. Marie and Toronto.

Manitoba.—Red river and Selkirk.

British Columbia.—Cottonwood point, Fraser river.

PUBLIC BUILDINGS.

The sum expended on the construction, maintenance and repairs of public buildings throughout the Dominion, exclusive of military hospitals and buildings, was $8,442,124.08, which shows an increase of $975,444.73 over the outlay made during the last fiscal year. Of this amount $4,499,185.33 was expended on the construction and improvement of public buildings and $3,942,938.75 in repairs and maintenance.

The following buildings were completed during the year:—

Quebec.—Grosse Isle quarantine station, radio-telegraph station.

Ontario.—Ottawa—Hunter building; Soldiers' Civil Re-establishment offices, Vittoria street; Experimental Farm, poultry office building and root, seed and implement building.

Saskatchewan.—Indian Head, forestry office.

Alberta.—Calgary, excavation for new public building; Coutts, immigration offices; Grand Prairie, public building.

The following buildings were still under contract at the close of the fiscal year:—

Nova Scotia.—Lawlors Island Quarantine station, pump-house and water supply.

Quebec.—Grosse Isle Quarantine station, boiler house.

Ontario.—Ottawa—Parliament buildings; Experimental Farm, dairy building; Toronto—Excavation for federal building; Postal Station "A"; Hamilton—Postal Station "B"; Kingston—R.M.C. Educational block; Oshawa—Customs examining warehouse.

Manitoba.—Portage la Prairie, addition to public building.

MILITARY HOSPITALS.

As explained in the report for last year the duty of constructing and equipping military hospitals was transferred to the Department of Public Works, and during the fiscal year under review the sum of $4,337,127.33 was expended on buildings required by the Department of Militia and Defence and the Department of Soldiers' Civil Re-establishment.

HOSPITALS UNDER DEPARTMENT OF MILITIA AND DEFENCE.

The following buildings were completed during the year:—

Nova Scotia.—Halifax, Camp Hill nurses' home; Rockland isolation hospital.

Quebec.—Ste. Anne de Bellevue, recreation, guardhouse and special service buildings, physiotherapy building, stable, garage, chapel and mortuary, power-house, neurological, officers' and active treatment wards.

Ontario.—Kingston, Sydenham vocational building, power-house, pavilion "A," officers' quarters, and isolation hospital. Toronto, orthopædic hospital alterations to main building; nurses', M.O's', orderlies' and storage building; guard-house; limb factory; laundry; kitchen wing and recreation building.

Manitoba.—Tuxedo, nurses', officers' and orderlies' quarters; recreation building; power-house, ward buildings and tunnels.

The following buildings were still under contract but not completed at the close of the fiscal year:—

Nova Scotia.—Halifax, Camp Hill administration building and laundry.

Ontario.—Toronto, orthopædic officers' ward building.

HOSPITALS UNDER DEPARTMENT OF SOLDIERS' CIVIL RE-ESTABLISHMENT.

The following buildings were completed during the year:—

Prince Edward Island.—Dalton Sanatorium, addition to administration building; power-house and laundry; M.O's residence; pump-house and vocational building, and steel tank and tower.

New Brunswick.—St. John County hospital, addition to power plant; M.O's residence and nurses' home, and addition to hospital.

Quebec.—Lake Edward, two family apartments.

Ontario.—London, Westminster, power-house.

The following buildings were still under contract but not completed at the close of the fiscal year:—

Nova Scotia.—Bellevue, Halifax, new ward building and alterations to present building.

Ontario.—London-Westminster isolation, recreation, garage; storage and mortuary; administration and surgical; active treatment wards; convalescent wards, and dining and service building.

RECONSTRUCTION OF PARLIAMENT BUILDINGS, OTTAWA.

At the time of writing the last yearly report on the progress of this work, the plastering of the upper floors was in hand and the building in general was proceeding towards the stage of installation of work under the finishing trades, namely, stone, marble, plaster and woodwork.

Progress upon the interior stonework was fair, but it was found impossible to complete the work in the Senate Chamber in time for the opening of the session of Parliament which assembled on the 26th February, 1920. The cutting of the stonework for the main entrance hall was started at the stone shop but could only be proceeded with slowly until a greater supply of stone was received after the opening of the quarry in the spring of 1920. A strike at the quarry during the summer of 1919 retarded the output of stone and made deliveries in the fall somewhat short of normal.

Deliveries of manufactured marble for corridors, etc., have been disappointing. The output at the marble shops, however, was taxed to the utmost to make deliveries of the material already received.

The power-house, upon which work was resumed in the spring of 1919, was completed and has been in operation since the month of October, 1919.

On September 1, 1919, the corner stone of the main tower was laid by His Royal Highness the Prince of Wales; the foundations having been brought up above grade previous to that date.

No additional work, however, was done upon the tower as, in view of the decision to hold the 1920 Session of Parliament in the building, the whole available force was concentrated on making the following portions of the building ready for occupation:—

The Commons entrance hall, lobbies and Commons Chamber, reading room, smoking room, Government caucus room and various offices on the main floor, with the exception of those about the Senate entrance hall and Senate Chamber.

The Railway Committee room was completed and put into use as a temporary Senate Chamber for the session of 1920.

The majority of the offices on the upper floors were got ready for occupation, except those over the main entrance hall on the second floor and about the Senate Chamber, which were left for use by the contractors when at work on these portions of the building.

A temporary lunch room was provided on the third floor during the Session of 1920, and it is expected that the Parliamentary restaurant will be put in commission for the next Session of Parliament.

On the ground floor, offices for the staff under the jurisdiction of the Serjeant-at-Arms and rooms for supplies, etc., were completed for the session of 1920. Barber shops and lavatories were fitted up temporarily. The east part of this floor, however, was reserved for the contractors.

The following is a detailed report on the progress of the work during the year under review:—

Interior Masonry.—The interior stonework was completed in the Commons lobbies and Commons entrance hall at the time of writing the last yearly report. Setting of stonework was commenced in the Commons Chamber on January 22, 1919, and was completed by June 30 following. Stonework setting in the south corridor main floor, was also completed except at the intersection of the main entrance hall.

During the year 1919, the stonework in the north corridor, main floor, north and south corridors, first floor and at intersections of stairs and office block corridors on the upper floors, was built. The Senate entrance hall was completed and the Senate Chamber is nearing completion. The canopies have been built and the work of carving same is at present under way.

The southwest staircase in stone and marble, off the south corridor, was completed, as was the west staircase off the Commons entrance hall, for the opening of the session of 1920.

Except in the portions which are still unfinished for lack of interior stone, the brickwork has all been completed. The terra-cotta floor arching and the furring and partition work which was completed down to the first floor, has now been finished.

Marble work.—All marble base, etc., in connection with the interior stonework, was built in conjunction with the stone. The marble floors in the main corridors throughout, and all floors, except the ground floor, have been laid. Elevator halls, Senate entrance hall and corridors around the Senate Chamber, as well as ground floor corridors, are well under way.

The Vert Gris Ashlar work on third and second floor corridors was delayed in delivery from the quarry, but good progress has been made in setting same. Office block corridors and elevator halls are completed. The third floor, south corridor, is finished and door jambs have been erected.

Lavatory marble and radiator backs and safes (Mariotti Marble Co., contractors).—In view of the scarcity of pink Tennessee marble, none of which had been received since October, 1919, it was decided to substitute white Italian marble therefor.

The lavatories have been completed down to and including the first floor, except certain private lavatories. The marble work is practically completed in those on the main floor as well as on the ground floor.

Plumbing.—All roughing in for plumbing work has been completed and fixtures installed in lavatories where marble work has been done. In the lavatories on the ground floor, permanent fixtures have been installed.

Heating and Ventilating.—The boilers at the power-house and all pumps, heaters and accessories were installed during the summer of 1919. The heating mains in the tunnel were put in position and connected up with the system in the main building; radiators were connected wherever possible, and the plant put into operation early in October, 1919. Since then, piping has been covered, all the radiators connected and ventilating fans put in operation. The whole plant was in full operation when Parliament met on February 26, 1920.

Windows and Glazing.—At the last report, about sixty per cent of the steel casements had been installed, glazed and painted. This work is now completed.

Carpentry and Finishing Woodwork.—Installation of oak trim and doors was commenced on the fourth floor on August 1, 1919. Since then the work down to and including the main floor has been completed as well as the installation of corridor doors.

The installation of oak panelling, etc., was commenced in the pavilion rooms on the third and second floors in December, 1919, and has all been completed, including the room of the Leader of the Opposition, which was done under a separate contract.

Erection of woodwork in the Commons Chamber and Commons reading room was commenced in January 1920, and completed in time for the session the following month. The panelling in the Premier's room was commenced early in February and made ready for occupation at the opening of the session. Panelling and trim for the Government caucus room and the pavilion rooms, main and first floors, was also completed in time for the opening of the session.

Painting, etc.—Painting of walls and tinting of ceilings in offices was commenced on the fourth floor on July 21, 1919. The preparation of walls, applying wall cloth, and first coats of paint, were all completed. All ceilings, both in offices and finished corridors, were tinted. The ceilings of the reading room and committee room, main floor, were temporarily decorated for the opening of Parliament.

Floor Covering.—The laying of rubber flooring has been completed; and only a small portion of the linoleum flooring still remains to be done.

Elevators.—In the office block corridors, the elevators were placed in running order and cabs, with temporary beaver board panelling, were installed for the opening of the session of 1920. In the south corridor, three elevators were also put in operation, as well as the freight elevator off the north corridor.

Furniture.—Orders were placed for the permanent desks for the Commons Chamber; 128 double desks were in position for the opening of Parliament, except the front row desks which have since been delivered and placed in position. The permanent opera chairs for the galleries were also installed.

During the year under review, labour conditions have improved. Arrangements *re* wages with the various trades, made in May, 1919, were adhered to, but bonuses offered by other contractors for carpenters and plasterers, both in Ottawa and outside, made it difficult to maintain a good force in these trades.

The average daily force employed by the general contractors throughout the year was 662.

During the year 1919, twenty-four meetings of the Advisory Board and ten meetings of the Joint Committee on the Reconstruction of the Parliament Buildings, were held.

SUB-CONTRACTS UNDER MAIN CONTRACT.

The general contractors, with the approval of the Board and Joint Parliamentary Committee, entered into the following subcontracts since April 1, 1919:—

On April 5, 1919, authority was given to enter into a contract with Mr. T. H. Hancock, Toronto, for interior woodwork, in caucus rooms and pavilion rooms, at $25,315.03.

On April 17, 1919, authority was given to enter into a contract with the Wallace Sandstone Quarries, Limited, Montreal, for Verde antique marble floor border in corridors, at $12,600.

On April 26, 1919, authority was given to enter into a contract with the Smith Marble Company, Montreal, for Grande antique marble mantles, at $2,400.

On April 26, 1919, authority was given to enter into a contract with the Mariotti Marble Company, Montreal, for marble mantles and shafts in the Senate, at $9,072.

On May 15, 1919, authority was given to enter into a contract with the Frick Ice and Refrigeration Company, Montreal, for the refrigeration equipment, at $11,475.

On May 15, 1919, authority was given to enter into a contract with Henry Morgan and Company, Montreal, for interior woodwork in the Senate Chamber, at $37,386.30.

On May 15, 1919, authority was given to enter into a contract with Mr. George Roberts, Montreal, for interior woodwork in the Commons Chamber, at $39,000.

On June 24, 1919, authority was given to enter into a contract with the Otis-Fensom Elevator Company, Toronto, for elevators C, D, E, F, G, H, at $112,700.

On June 24, 1919, authority was given to enter into a contract with the Dominion Bridge Company, Lachine, Que., for structural steel (ceiling of parliamentary restaurant) at $3,000.

On June 24, 1919, authority was given to enter into a contract with the Eclipse Plating Company, Ottawa, for sessional gongs and annunciators, at $5,750.

On June 24, 1919, authority was given to enter into a contract with Ahearn & Soper, Limited, Ottawa, for the fire alarm system, at $1,098.

On June 24, 1919, authority was given to enter into a contract with the Canadian Johns-Manville Company, Toronto, for acoustical treatment of the ceiling in the Commons Chamber, at $9,050.

On June 24, 1919, authority was given to enter into a contract with the Wallace Sandstone Quarries, Limited, Montreal, for Missisquoi grey marble, at $66,330.60.

On July 16, 1919, authority was given to enter into a contract with the Dunlop Tire and Rubber Company, Toronto, for rubber flooring, at $15,363.40.

On July 16, 1919, authority was given to enter into a contract with the Dominion Rubber System Company, Montreal, for rubber flooring, at $15,505.10.

On July 25, 1919, authority was given to enter into a contract with Mr. T. H. Hancock, Toronto, for interior woodwork, pavilion rooms and smoking rooms, at $25,295.70.

On July 25, 1919, authority was given to enter into a contract with the Megantic Quarry Company, Montreal, for granite steps, etc., at $48,000.

On July 25, 1919, authority was given to enter into a contract with the Bromsgrove Guild (Canada), Limited, Montreal, for interior woodwork, pavilion rooms, at $10,742.

On July 31, 1919, authority was given to enter into a contract with the Anglin-Norcross Company, Montreal, for Windsor green syenite columns to main entrance and hall of honour at $12,610.

On September 19, 1919, authority was given to enter into a contract with the Smith Marble Co., Montreal, for Rose Tavernelle marble balustrade, Commons entrance hall, at $4,200.

On October 1, 1919, authority was given to enter into a contract with the Otis-Fensom Elevator Company, Toronto, for elevator door opening devices, at $5,614.

On October 1, 1919, authority was given to enter into a contract with Mr. T. H. Hancock, Toronto, for interior woodwork, caucus room, second floor, at $4,350.

On November 20, 1919, authority was given to enter into a contract with Mr. George Roberts, Montreal, for interior woodwork, committee rooms, first floor, and Senate committee room, main floor, at $1,800.

On November 21, 1919, authority was given to enter into a contract with the Dennis Wire and Iron Works, Limited, London, Ont., for two ornamental iron staircases, at $4,700.

On November 21, 1919, authority was given to enter into a contract with the Dennis Wire and Iron Works, Limited, London, Ont., for handrail and balustrade, at $17,300.

On November 21, 1919, authority was given to enter into a contract with W. G. Edge, Limited, Ottawa, for kitchen equipment, at $24,984.

On December 5, 1919, authority was given to enter into a contract with the Bromsgrove Guild (Canada), Limited, Montreal, for interior woodwork in the room of the Leader of the Oposition, at $6,100.

On December 5, 1919, authority was given to enter into a contract with Mr. George Roberts, Montreal, for teak flooring, at $9,261.

On December 5, 1919, authority was given to enter into a contract with the Bromsgrove Guild (Canada), Limited, Montreal, for interior woodwork, reception room, at $1,718.

On December 8, 1919, authority was given to enter into a contract with Mr. William Ashall, Toronto, for electrical clocks, at $15,387.50.

On January 22, 1920, authority was given to enter into a contract with Cleghorn & Beattie, Limited, Ottawa, for window shades, at $4,864.90.

On March 15, 1920, authority was given to enter into a contract with Henry Morgan and Company, Montreal, for interior woodwork and carving, Senate reading room, north of Senate, main floor; and teakwood flooring in Speaker's library, main floor, at $17,372.

SUB-CONTRACTS UNDER ARCHITECT IN CHARGE.

In addition to the above contracts, the following orders for furniture, etc., were placed through the architect's office with the approval of the Joint Parliamentary Committee:—

On December 4, 1919, an order was placed with the Globe Furniture Company, Waterloo, Ont., for seating in galleries of Commons Chamber, at $9,415.10.

On December 22, 1919, an order was placed with the Valley City Seating Company, Dundas, Ont., for Members' desks in the Commons Chamber, at $6,400.

On January 19, 1920, an order was placed with the Springer Lock Manufacturing Company, Belleville, Ont., for locks for Members' desks in Commons Chamber, at $1,152.80.

On March 12, 1920, an order was placed with the N. T. Lyon Glass Co., Toronto, Ont., for special glass work for ceiling lights in the Commons and Senate entrance halls, amounting to $6,650.

The architect was also authorized to incur the following expenditures on special work:—

On May 9, 1919, authority was given the architect to employ a sculptor to make models for the ornaments in the ceilings in the Commons reading room, smoking room, private dining rooms and Commons Chamber, at an expenditure of $3,000.

On December 4, 1919, authority was given the architect to expend the sum of $10,000 for carving in conjunction with contracts for interior woodwork. This was in addition to the amount of $15,000 authorized on March 10, 1919; $2,000 authorized on July 23, 1919, and $2,500 authorized on September 26, 1919.

On December 4, 1919, authority was given the architect to expend the sum of $8,000 for modelling in certain special rooms in the building, in addition to the amount of $3,000 authorized on May 5, 1919.

On March 12, 1920, authority was given the architect to engage Mr. Arthur Crisp, Canadian artist, to carry out the decorative scheme of the Commons reading room by mural paintings, at an expenditure of $19,000.

TELEGRAPHS.

There is now a total mileage of 12,157¼ and the offices number 1,179. The messages sent during the year aggregated 584,346, as compared with 507,027 during the preceding fiscal year, or an increase of 77,319 messages.

The expenditure on maintenance was $885,730.19, as against $789,883.40 in the previous year, an increase of $95,846.79.

The revenue shows an increase of $46,417.30 over 1918-19. During the year, fifty-three and a half miles of new line were constructed from Point Sapin on the Chatham-Escuminac circuit to Kouchibouguac, N.B.

The telephones, telegraphs and conjoint offices on the system are as follows:—

	1920.	1919.
Telephones	708	681
Telegraphs	365	389
Conjoint	106	52
	1,179	1,122

NATIONAL GALLERY.

Since Parliament has taken possession of the new Parliament buildings, the National Gallery has moved back into the Victoria Memorial Museum building which it formerly occupied but with increased accommodation by being allotted the whole of the east wing, with a special entrance at the east end and a fireproof separation from the rest of the building.

The policy of rigid economy that still necessarily prevails has restricted the appropriation made by Parliament, to cover the bare necessities of maintenance, therefore no important additions have been made to the collection.

During the year, gifts were accepted: A portrait of Sir George Drummond; three bookplates; pencil drawing of Professor Mavor; an etching, "The Wellington Shield," and sixty-five war lithographs.

The purchases were: A portrait by Regina Seiden; another by Kreighoff; an etching by Zorn; two by Mary Cassett; two drawings by W. Raphael; seventeen colour prints, and nine war poster lithographs.

The policy introduced a few years ago of making loans to societies or public bodies, enabling them to hold free public exhibitions has been continued during the year, and the following exhibitions were arranged: St. John, N.B.; Montreal and Sherbrooke, Que.; Collingwood, Hamilton, London, Ottawa, Port Arthur, Fort William, Toronto and Windsor, Ont.; Regina, Sask.; Winnipeg, Man.; and New Westminster, B.C.

Loans were also made to the following cities in the United States: Pittsburg, Pa.; St. Louis, Mo.; Muskegon, Mich.; Chicago, Ill.; Milwaukee, Wis.; and Minneapolis, Minn.

The encouragement thus afforded has as its object the development of interest in the fine arts to the point of establishing local art galleries and societies and schools of art and design to which the Canadian manufacturer can look for artistic designs for his trade in the development of Canadian industry. There is an urgent and unlimited need for the extension of this branch of the work.

The estimated value of the possessions of the National Gallery is now placed at $1,000,000.

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Appended to this report will be found detailed statements from the different branches, giving full particulars of the various works carried out by the department during the year.

I have the honour to be, sir,

Your obedient servant,

J. B. HUNTER,
Deputy Minister.

PUBLIC BUILDINGS.

By R. C. WRIGHT, Chief Architect.

Nova Scotia.

ANNAPOLIS ROYAL

On March 17, 1920, the public building, situated on George street at corner of Railway street, was gutted by fire leaving only the outside walls standing. Previous to the fire, general repairs had been made to the building.

YARMOUTH.

On December 21, 1920, a fire occurred in the basement of this building which destroyed the rear portion of the ground floor. Necessary temporary repairs were made during the reconstruction.

Prince Edward Island.

CHARLOTTETOWN.

The stamp vendor's, register and Money Order offices were altered. A new vault in the Government Savings Bank was constructed in the shaft above the present vault, fitted with steel door and interior shelving, with a stairway leading from the ground floor.

Minor repairs for maintenance were made to the following buildings and the grounds: Charlottetown, old bank building; Georgetown, Montague, Souris, Summerside, and Tignish buildings.

New Brunswick.

MONCTON.

The Harris building adjoining the post office was leased for the Registration, Money Order and Letter Carriers' Department and fittings were installed. A doorway was cut through the dividing wall on the ground floor for entrance to the post office. General repairs were executed on the interior of the building.

ST. JOHN.

A contract was awarded W. A. Munroe, St. John, N.B., for the erection of an immigration detention building consisting of a two-story frame structure on a stone foundation heated by two furnaces with hot water. The superstructure consists of frame, double boarded, with shingle roof. The several detention rooms are separated by means of sheathed partitions as well as the walls and ceilings covered with the same material. The rooms are lighted by electricity and independent bath and toilet rooms are provided on each floor for men and women. Entrances to the building at either end provides stairways from the basement to the first floor. Plumbing and plumbing fixtures, water supply, gas pipes, gas fixtures and ranges were provided under a contract with James H. McPartland & Sons, St. John, N.B.

QUEBEC.

GROSSE ISLE.

An operating house in connection with the radiotelegraph station, and a cold storage building were constructed. General repairs were made to different buildings by day labour, and seven artesian wells were sunk in different parts of the island to a depth of 365 feet, and Pitcher pumps were provided.

MONTREAL.

New Federal Building.—Excavation and concrete foundation and reinforcing steel work for the building proposed to be constructed next to the existing examining warehouse situated on McGill street has been completed and the foundation protected from danger of injury by frost.

QUEBEC.

Contracts were awarded for the restoration of exterior of central portion and west wing of Marine Store Building, King's Wharf, and restoration and fitting up interior of this building, including electric elevator.

TROIS RIVIERES.

A contract was awarded for the supply and installation of an electric freight hoist, to the Turnbull Elevator Co., to be erected in Customs Examining Warehouse. An enclosure was provided for electric hoist. Electric lights were installed to the main entrance. The grounds surrounding the building were graded and the surface sown with grass seed. Concrete sidewalks were built upon the property lines.

ONTARIO.

HAMILTON.

Public building.—At the corner of Main and John streets it was proposed to build an addition, and the old buildings that occupied the site were removed. In the present building, a number of changes to the offices occupied by the Income Tax department were made, and general repairs were made throughout the building.

Postal station "B."—A contract was awarded August 4, 1919, to Kennedy Connor, Hamilton, for the construction of this building which is situated at the corner of Barton street and Stirton avenue, and has a frontage width of 41 feet by a depth of 79 feet. The building consists of a two-story and basement structure with a flat roof. It is constructed of hollow tile faced with buff tapestry brick ornamented with pilasters and provided with cut stone trimmings and galvanized iron cornice and coping to the parapet.

The ground floor is utilized for a public lobby with the post office working space and furnished with vault. The entrance to the public lobby from Barton street has cut stone trimmings and is supplied with a revolving door. From the side entrance, Stiron street, a stairway leads to the first floor and basement. The first floor is an undivided space and the basement is of concrete. The construction is carried on steel columns and beams and supports the several wooden floors, ceilings and roof joists. The building is lighted from four sides. Twin connected hot water heating boilers and radiators provide the heating; electric wiring is carried in conduits; men's and women's toilets are provided off the mail entrance lobby and rear entrance hall. In the public lobby, vestibules and toilets the floors are terrazzo with marble base and plaster wainscot; floor in working space is of maple, and the interior finish throughout is of quartered oak.

KINGSTON.

R.M.C. Educational block.—A contract was awarded the Pigott-Healey Construction Co. for the construction of the west wing, assembly hall and part of tower of the new educational block.

When the east wing is completed the tower will be a central feature, but the present contract does not include the east wing and only includes four stories of the tower which will be finished with a temporary roof. The tower is 40 by 68 feet, contains the main entrance and is completely occupied by the main staircase and halls. The stairs are of iron and steel with marble treads having wrought iron scroll balustrades. The ceilings of halls are panelled in plaster and the floors are terrazzo with marble border.

The west wing, including tower, is 62 by 158 feet, with two annexes 22 by 31 feet and is composed of basement and three stories. The basement consists of an applied science room, assay room, toilet room and boiler and fuel rooms. The ground and first floors are composed of fourteen class rooms and two lecture rooms, and the second floor consists of chemical laboratory and science rooms. The assembly hall annex in rear is 45 by 80 feet approximately and is composed of an assembly hall 24 feet high with gallery and stage. Under the assembly hall is a commodious machinery hall 20 feet high which will be used for technical instruction.

The building is fireproof throughout the outer walls being constructed of Kingston limestone with Queenston limestone dressings and lined on the interior with three-inch hollow tile. All floors are reinforced concrete with finished floor in corridors and halls of terrazzo, in toilet tile and in other portions of the building of birch. The assembly hall and all halls and corridors are finished with quartered oak, the rest of the interior finish being pine. Mechanical ventilation of the most up-to-date method is provided, and the building is lighted throughout by electricity and heated by steam, direct and indirect methods being adopted.

OSHAWA.

A contract was awarded September 26, 1919, to the Russell-Navin Construction Co. of Toronto, for the erection and completion of a customs examining warehouse.

The building is situated on Wellington street adjacent to the post office, which is on the corner of Wellington and King streets. This building is a one-story structure, with basement having a frontage of 42 feet 8 inches on Wellington street by a depth of 75 feet. A public entrance from Wellington street leads into a vestibule and public space, with counter and screen, on the ground floor, a collector's office, an examining room having three large sliding doors for reception and delivery of goods and a lavatory. The building is of red brick on a concrete foundation, has a flat roof, galvanized iron coping, cut stone sills and steel columns and girders supporting wooden joists and roof. Floors are of hardwood. Basement consists of a customs storage room and, separated by a brick wall, a fuel and boiler room. The basement and ground floor are heated by hot water, have both soil and storm sewer drains and automatic drainage siphon in basement, and is well lighted by electric lights. Window guards protect the basement, and provision has been made for future installation of a freight elevator.

OTTAWA.

,*Government Printing Bureau.*—A contract was awarded to Messrs. Bate, McMahon & Co., for alterations and additions, which consisted of filling in the spaces between the present boiler house and the two wings of main building to provide shipping room on west side and receiving room on east side, with vestibules and concrete platforms to both entrances. Ash hoist and shaft was put in to remove the ashes from boiler house. The building is a one-story structure, with brick walls on concrete

foundation; each of the floor spaces is lighted by three sky-lights. The building is heated by steam from the present boiler house and electric light wiring concealed in conduits. A fire alarm system was installed throughout the building. In the basement a fireproof waste paper room and main storage was placed under the receiving room.

Hunter Building.—Glazed partitions and panelling for the division of office space was built, three sky-lights and a pent-house were constructed on the roof. Electric fixtures and lamps were provided throughout and the building was fully completed and occupied by several departments.

Post Office Garage.—A garage to accommodate a number of cars belonging to post office was constructed beneath the plaza.

Generally.—Heating tunnels were built on Wellington street to connect the departmental buildings with the central heating plant and the work executed in connection with the construction of a duct on Vittoria street. The post office, East block, Langevin block, West block, Supreme Court, Soldiers' Civil Re-establishment buildings were provided with heat from the central heating plant on Cliff street, thus eliminating the heating that has been provided by a boiler house in each building.

CENTRAL EXPERIMENTAL FARM.

A frame kitchen was built to the cottage at the north side.

A contract was awarded January 13, 1920, to Messrs. Taylor & Lackey for the construction of a dairy building. The new building is situated opposite the present dairy and is a two-story structure with attic on a concrete foundation with one-story addition in rear for refrigeration. The walls are constructed of wood covered with rough-cast and roofed with asbestos shingles. The outside walls are double-sheeted, strapped on both sides and finished inside with plastering. The ground floor is assigned to offices, bacteriological laboratory, operating room, refrigeration cool room, ice chamber, and farm storage in the rear, cheese and wash rooms. An independent ladies waiting room is provided with toilet accommodation with direct access from the verandah. A hall and stairway leading to the Superintendent's living rooms on the first floor which comprises living room, dining room, pantry and kitchen, three bedrooms with closets and bathroom. The attic space is floored and erected with sheeting. The building is heated by low pressure system of steam and wired for electric light. The steam from boiler is also used for running the dairy machinery. The portion of the basement excavated is assigned to cheese, general and dairy storage with separate rooms for fuel and boiler room with outside area entrance.

A frame structure was built, clapboarded outside and sheathed inside with a shingled roof, provided with windows and doors, electric wiring, brick chimney and the exterior painted.

PORT ARTHUR.

Armoury.

On June 2, 1919, a contract was awarded to M. H. Braden & Co., Fort William, for alterations and repairs at the Armoury consisting of the following: Removing basement floors and drains, excepting floors of the corridors, then floors were waterproofed and re-laid in reinforced concrete supported on reinforced concrete beams and the whole carried by walls independent of any filling under the floor, and the drains were suspended from the reinforced floor. Repairs were also made to gutter and roof, including copper drips on parapets and flashing behind turrets, basement floors, both hardwood and concrete, and the face of the external brick walls was cleaned.

TORONTO.

The old custom house was vacated and the old building was demolished.

Federal Building.—The contract for excavation of the new Federal building is completed with the exception of the demolition of the temporary postal station "A." which cannot be done until the department takes possession of the basement of the new postal station " A."

MANITOBA.

BRANDON.

The alterations to the public building consist of a one-story passageway connecting by means of two large openings the present working space of post office, with the old Union Bank building on the corner of Rosser avenue and Eleventh street. The passageway construction is supported on two steel beams at the ground level and the walls of both buildings are carried on steel beams.

PORTAGE LA PRAIRIE.

A contract was awarded March 22, 1920, to Messrs. Snyder Bros. for alterations and additions to the public building. The work consists of a one-story addition in rear of the present building and certain alterations to the one-story examining warehouse wing. Between the working part of the post office and the new addition two large openings were cut in the rear wall for the purpose of communication between the present working space and the new addition. The external walls were built of stone to match the existing building. The floor joists and roof were carried on steel columns and steel beams.

SASKATCHEWAN.

INDIAN HEAD.

A contract was awarded to Messrs. Wilson & Wilson for the construction of a one-story building for office accommodation for the Forestry Branch, Department of Interior, on a site situate on the corner of Houghton and Market streets. The entire first floor is laid out for offices of Superintendent, Assistant, stenographer's room, Inspectors, Accountant, correspondence filing room, stationery room and vault. The basement consists of store-room for offices containing a large storage vault, central corridor communicating with caretaker's room, store-room, men's and women's lavatories, furnace and fuel rooms, with area entrance. The building is 42 feet wide by 64 feet 3 inches long, lighted on all sides, concrete basement, buff pressed brick front with hollow tile backing. The vaults are built with reinforced concrete floors and ceiling, walls lined with terra cotta and plastered. Has concrete entrance steps. The wooden joists for the ceiling and roof carried on wooden beams and posts and concrete piers in the basement. The basement is subdivided by concrete walls. Ceilings throughout and the corridor walls plastered. Two stairs are provided and an outside area entrance. The building is trimmed on the interior with fir, maple floors and all woodwork finished in golden oak stained and varnished. The heating plant consists of a hot-water system and ample radiation installed. Is lighted by electric wiring in conduit and fixtures.

ALBERTA.

CALGARY.

A contract was awarded Messsrs. Carter-Halls-Aldinger Co., Ltd., for the demolition of present public building and excavation for new building.

COUTTS.

A two-story frame cottage built on the present foundations was erected for the use of the Immigration Officer. The building contains three living rooms on the ground floor, three bedrooms with clothes closets, linen closet and a bathroom with plumbing fixtures on the first floor. A lean-to woodshed with a basement for the pump was constructed adjoining the outside entrance at rear. The cottage is 24 by 26 feet and is heated by a hot air furnace and registers, and is wired for electric light and fixtures.

GRANDE PRAIRIE.

On December 9, 1918, a contract was awarded to N. Cuthbertson for the erection of a post office and Dominion and Lands Agency building. The site of the building is known as lots 1 and 2, block 4, situated with a frontage of 66 feet on Second avenue, south, by a depth of 122 feet on Second street, east, to a public lane 20 feet wide.

On the ground floor is located lands office and post office and on the first floor two offices for Homestead Inspector and Agent's office. The structure is a story and a half in height, 48 feet 8 inches by 24 feet 2 inches and is of frame construction supported on piers and has a shingled roof. It has a small furnace and coal cellar with concrete walls and floor, both encased on the outside with water-proofing. The studding of the outside walls is covered with sheeting with clapboards on the outside and lined with sheeting paper and vertical boarding on the inside. The floor joists and roof are carried on posts and beams and the roof rafters supported on the wall studs. The building is heated by a hot air furnace.

BRITISH COLUMBIA.

SAANICH.

Temporary partitions were erected on the ground floor of the observatory building to accommodate additional astronomers. A new pump was supplied for pumping water to tank and a new 60-foot flag pole furnished and erected. Repairs and renewals were made to water system, and a cement concrete gun mounting platform constructed.

VANCOUVER.

At the old post office building, repairs were made to heating and plumbing; at public building, repairs to elevators, electric lighting, plumbing and heating, part of copper roof repaired; at examining warehouse, postal stations "B" and "C," repairs were made to plumbing, heating and elevators; postal station "A," additional partition built in railway mail service quarters. General repairs and renewals; immigration office, oil system was installed under auxiliary boiler, exterior painting done and repairs to plumbing and elevators.

VICTORIA.

Repairs and alterations were made to immigration and public buildings.

GENERALLY.

Visit of H. R. H. Prince of Wales.—On the occasion of the visit of His Royal Highness the Prince of Wales to Quebec, in August 1919, several Dominion Government buildings were decorated with flags, bunting and electrical display throughout the cities and towns in Canada from Quebec to Vancouver.

MILITARY HOSPITALS.

The following is a brief summary of the work classified according to provinces.

Prince Edward Island.

DALTON SANITARIUM.

North Wiltshire.—A new M.O's residence was constructed. It is designed in the Dutch bungalow style, concrete foundation, frame superstructure, shingled roof and is heated from central power plant.

The vocational building has cement foundations. Ground floor is devoted to the teaching of vocational work and motor mechanics and has shower baths and toilets. First floor used for library, reading rooms and moving picture hall.

The east and west pavilions were equipped complete with plumbing fixtures and steam heating.

A thirty-thousand gallon steel tank was erected and was supplied with water from the artesian well to serve the several buildings.

The central power plant and the laundry buildings were fully completed. The equipment included the heating boilers, Sims hot water generator, one twenty kilowatt steam generator, one five kilowatt kerosene generator. This building is constructed with solid concrete walls and has coal bunkers of a capacity of 270 tons.

Nova Scotia.

HALIFAX.

Bellevue Military Hospital.—The remodelling work to the old building has been completed and the new hospital wing is now finished. Certain alterations were made to the kitchen in the new ward building.

Camphill Military Hospital.—The work undertaken on these buildings the previous year has been fully completed.

The following additional work has been installed: Equipment of laundry with laundry machinery, two heating boilers, and a motor air-compressor were supplied. After the destruction of the present roof by storm, a new roof was placed on the vocational building. Fences, roadwork, drainage, fire mains, also the grading of grounds. The work on the boiler room of laundry building was finished.

New Brunswick.

RIVERGLADE.

Jordan Memorial Sanatorium.—A contract was entered into with J. H. Doody for alterations and additions to power plant. This work consisted of installation of a sixty-horsepower boiler, similar to the two existing ones, and the connecting of the existing ones with new, forming a battery of three; the running of concrete duct from

boiler house to administration building and tile pipe conduits from administration building connecting with several of the cottages. Also, certain steam and water piping from boiler house to laundry; the whole contract amounts to $24,547.

The original system was completely altered to conform with new requirements consisting of new high pressure, low pressure steam mains with returns and hot and cold water piping, with all accompanying traps, pumps, etc.

ST. JOHN.

St. John's County Hospital.—During the year, contract work was started and completed for roadways and grading at the above, amounting to $5,000 with Lewis Stephens & Co. This work consisted of building a first-class macadam roadway leading from the entrance gate to hospital front entrance and thence around to nurses' home, with subsequent amount of grading rendered necessary by new road.

Steam heating mains were run from boiler house to nurses' home to connect with steam radiators previously installed. This heating line was carried through a Ricwell lined tile pipe duct.

QUEBEC.

STE. ANNE DE BELLEVUE.

Military Hospital.—The work of grading and roadwork has been fully completed, also extension made to the sewer. In wards A and B work has been done in the new diet kitchens.

ONTARIO.

BURLINGTON.

Military Hospital.—The work under construction for the active treatment ward and the gymnasium building have been completed.

A separate water metre was installed for the hospital and grading and concrete roadways have been completed. An electric pump was supplied to the heating apparatus.

KINGSTON.

Mowat Sanatorium.

Alterations to Main Building.—This work consists of the conversion of the former nurses' quarters on the third floor into wards for patients. Provides accommodation for sixteen additional patients with the necessary toilet rooms, nurses' office and diet kitchen. Covered in and glazed verandas were constructed around two sides of the third floor and the staircase at the north-west corner was continued up to the third floor. An existing staircase in the centre of the building extending from the basement to the third floor was removed and a passenger elevator installed. The pent shaft being extended above the roof level in the form of a tower to contain the water tank provided a proper water pressure for the whole of the hospital. Lighting and bell signalling system installed to third floor.

Nurses' Home.—This is a two-story frame building with concrete foundation. The walls are covered with clapboards and roof with shingles.

First floor accommodation consists of a living room, reception room, offices and sleeping porch with quarters for the superintendent of nurses, dietition and assistant dietition, also kitchen and ironing room.

Second floor provides accommodation for thirteen beds for nurses including two for use as an emergency ward also a sleeping porch. A sewing room is provided.

Basement accommodation consists of furnace, coal, trunk and storage rooms and laundry. Two flights of stairs with grade entrances lead from the basement to the second floor at either end of the building. Emergency ward and living-room are provided with a fireplace. Has separate furnace for hot water heating and electric wiring and fixtures.

Sydenham Military Hospital.

Pavilion "A."—Work consisted of altering an existing stone building and the construction of a new wing and provided accommodation in the basement for patients dining room, kitchen service, stores, etc. The new wing of three wards was of frame construction on concrete foundation.

The first floor accommodation had the administrative offices, hydrotherapeutic department, and a ward accommodating forty-eight patients with a solarium in connection.

Second floor consists of two wards accommodating forty-seven and forty-six patients respectively, with solariums and a surgical department.

A new passenger elevator was installed between main building and new wing from basement to second floor.

On the third floor acommodation is provided for three wards.

Vocational Building.—The work consisted of alterations and extensions to an existing stone building and converting same into offices and class rooms for vocational work. New roof and floors were provided throughout.

Medical Officers' Quarters.—The work consisted of the conversion of an existing stone residence into quarters for officers and provided accommodation for four medical officers.

Nurses' Quarters.—The work consisted of re-arrangement of existing sanitary work, installing extra bath-rooms and provision of new drainage.

Power-House.—The work consisted of alterations to an existing stone building. A portion of the basement was converted into a boiler-room and high pressure boilers were installed to supply heat and hot water for the whole of the hospital. A fire pump was installed utilizing water from the lake for fire protection purposes.

On the first floor, accommodation was provided for ten orderlies with recreation, dining and diet rooms and kitchen and toilet rooms. On the second floor accommodation was provided for gymnasium and recreation rooms for the patients.

Two new stairways communicate between first and second floors. Steam is supplied for the heating of, and electric wiring and fixtures provided to, all buildings.

LONDON.

Westminster Military Hospital.

Isolation Building.—This is a brick building on a concrete foundation with a basement in the rear wing containing a garbage sterilizer, general stores, vegetable cellar, coal bunk and toilet. The portion under main building has a basement 11 by 32 feet.

On the first floor, accommodation was provided for thirty-two patients, consisting of two 6-bed wards, three 5-bed wards, one 3-bed ward and two single-bed wards with the necessary toilet rooms. Diet kitchens, dressing rooms and orderlies rooms were provided and a dining room for the staff. Self-contained kitchen and service room

was provided. Additional rooms first floor for nurse, doctor, lockers and two linen closets.

Size of building—Main building 114 by 30 feet 6 inches, with a wing at each end 19 by 47 feet 6 inches. Kitchen wing 36 feet 6 inches by 49 feet 4 inches. Building is heated with steam from central plant; has electric lighting, etc.

Recreation Building.—This is a brick structure on a concrete foundation. Advantage was taken of the natural grade at the rear to form a bowling alley below the level of the main floor. The auditorium is 44 by 60 feet by a height of 28 feet with a stage 12 feet deep in addition, provided with dressing rooms and toilets. Two emergency exits with ramps were provided, also a booth for projecting moving pictures. The front portion of the building is two stories high and contains on the first floor two social rooms and toilet and on the second a large billiard room and toilet.

The building is heated by steam and lighted with electricity and equipped with a bowling alley.

T. B. Pavilion.—This is a brick building, the rear portion being one-story with basement for storage purposes under same, the first floor having kitchen and service accommodation and dining room for the patients. The main building is two stories in height and contains on the first floor accommodation for sixteen up-patients with the necessary cure verandas, living rooms, diet kitchen, dressing and toilet rooms, also a one-bed emergency room and a nurses' room. The second floor provides accommodation for ten bed-patients in separate rooms, each having a communicating sleeping porch, and, in addition, two large covered porches at either end of the building.

The building is heated by steam from the central heating plant and a complete installation of electric lighting, bells and signals is provided.

Size of building—main wing 27 feet 6 inches by 147 feet—two stories. Kitchen wing about 53 feet 6 inches by 69 feet. Additional rooms on second floor are diet, kitchen, nurses's room, linen room, sink, bath, toilets, etc.

Garage, Storage and Mortuary Building.—The building comprises a two-story storage building 30 by 41 feet, with loading platform to the railway siding. Attached to this is a one-story garage, 26 by 34 feet 6 inches accommodating three motor cars also a one-story mortuary building 26 by 35 feet containing a morgue, a mortuary, sterilizing and doctor's room, affording facilities for post-mortems. Has electric lighting, etc.

Buildings and Grounds Generally.—The plumbing fixtures and kitchen equipments required for the buildings were supplied by this department.

A refrigerating plant and ice-making machine was installed complete in the Service Building.

A contract was awarded to W. H. Harvey dated February 4, 1920, for supplying cast-iron and vitrified pipe for surface drainage, execution of ordinary grading and excavation, building of sidewalks and the laying of a macadam roadway to the various buildings on the hospital property.

A contract was awarded for the construction of a valve house, foundation piers, installation of piping for the water supply and the installation of an emergency engine to run the draft fan.

An elevated steel water tank has been erected of a capacity to contain 220,000 gallons to ensure a water supply to all buildings.

An electric transmission line was carried from the city sub-station along the right of way of the London-Port Stanley Railway Company to hospital property and a pole line construction on the hospital ground to feed the different buildings for light and power.

TORONTO.

Dominion Orthopædic Hospital.—The minor works required to complete the buildings and grounds at this centre were as follows: Alterations in main building, including plumbing fixtures and erection of a guard house. The contract for the laundry building which was under construction, has been finished and laundry machinery installed. The work on the limb factory building has been completed. Additional drainage and catch basins have been provided and a contract awarded for fences, drains, sewers, grading and roadways, also walks to the Red Cross lodge. Certain alterations were made to the heating system in the laundry building. The steam and water mains to the Red Cross lodge were connected up. An addition to the electric power line, including transformer, was installed to supply light and power to the laundry and limb factory building.

WOODBRIDGE.

Central Ontario Sanatorium.—The Department Soldiers' Civil Re-establishment have abandoned the proposal to build a sanatorium on the site secured at Woodbridge.

MANITOBA.

WINNIPEG.

Tuxedo Park Military Hospital.—A 12-inch water main from the city supply was laid into this property and an 8-inch tile sewer constructed. Electric light was furnished to the grounds and a contract was awarded for the construction of roadways, sidewalks, etc. Alterations were made to the recreation building. Two new boiler feed pumps were supplied to the old power-house and a water supply furnished to the guard house and fire service mains installed.

ALBERTA.

CALGARY.

Military Hospital.—A 6-inch water service was installed between the public street water main and the hospital site.

EDMONTON.

Military Hospital.—Alterations and additions were made to the service building and work done to put the hospital building back into its original condition.

BRITISH COLUMBIA.

ESQUIMALT.

Military Hospital.—A contract was awarded April 8, 1919, to Robert Moncrieff for alterations and additions to existing buildings forming two new active treatment pavilions with additional story to the hydrotherapeutic building.

The contractor purchased materials and delivered same on site for the construction of foundation walls and basement floor and made excavations.

After the armistice, the work was abandoned and the excavation was filled in and levelled off.

HARBOUR WORKS.

By E. D. LAFLEUR, Chief Engineer.

NOVA SCOTIA.

CHIMNEY CORNER.

This breakwater, 171 feet in length, 20 feet in width on top and extending to 12 feet at low water, and consisting of native round timber cribwork, close-sheathed on all faces was not commenced until the spring of 1919. The work of construction was continued until September, 1919, when it was completed in a satisfactory manner.

EAST RIVER.

(This work is described in the annual report for 1918.)

During the fiscal year 1919-20, a sum of $1,488.61 was expended on general maintenance of the works.

Dredging.

Work was carried out August 25 to November 19. From New Glasgow, dredging commenced alongside the Government wharf and at a point 25 feet on the down river or north side of the public road bridge across the river. The wharf extends from there a distance of 400 feet, and a turning basin was dredged 100 feet in width for this 400 feet length and to a grade of 10 feet below L.W.S. For the next 100 feet the dredging tapered off from the 100 feet width at turning basin to a channel width of 38 feet at bed and this latter width was continued along the line of the old channel to a depth also of 10 feet below L.W.S. to Chambers Point, making a total distance of nearly 5,000 feet. From Chambers Point to Trenton the existing channel was found to be at least 10 feet in depth below L.W.S. with the exception of 1,100 cubic yards, scow measurement, of silt which had gathered round the up-river end of the Trenton wharf and had to be removed. The material excavated consisted of sand, clay and gravel.

There is a variation of six feet between high and low water ordinary spring tides, and this new channel way will open the river to boats drawing up to 10 feet of water. The excavation amounted to 29,300 cubic yards in situ or 36,160 yards, scow measurement, which gives an expansion factor of about 19 per cent. The material was dumped in the old disused channel about six miles down the river.

Cantley Point.

After having completed work on the East river between Trenton and New Glasgow, P.W.D. dredge *No. 4* proceeded farther down the river to perform some work at the south side of Cantley Point. The excavation consisted of the removal of a triangular piece of ground situated on the west side of the new channel at the junction of the old and new channels. The grade over this area is to be 15 feet below L.W.S., which is the same elevation as that of the adjacent new channel. The total excavations have been estimated to amount to 12,000 cubic yards, place measurement, but owing to the approach of winter the dredge had to suspend operations for the season on December 3. By that time, 8,634 cubic yards, scow measurement, had been removed.

FELTZEN SOUTH.

Dredging.

The work done consisted in improving the berths around the public wharf; on the western side an excavation was made 40 feet wide, and for a distance of 110 feet shorewards from the outer end of the wharf. The mud for about three to five feet covers a very hard gravel. Dredge *No. 15* was unable to penetrate the hard material; with the removal of the mud a very good berth is provided. On the eastern side and around the ell on a width from 30 to 60 feet, a greater depth was made owing to the fact that there was a greater depth of mud. In front of the wharf and these two above-mentioned cuts, an average of 12 feet has been made from the wharf to deep water in the main channel. The cost of the work is estimated at 3,625 cubic yards at 44 cents per cubic yard, amounting to $1,596.54.

GABAROUS HARBOUR.

During 1919-20, the sum of $1,102.98 was expended in the construction of a 500-foot extension to the beach protection works, built in the same manner as the work constructed during 1913-14.

HALIFAX.

During the year 1919-20, a contract was let for the reconstruction of retaining wall and execution of dredging at the King's wharf, city of Halifax, one of the piers belonging to the Militia Department. The work done consisted of the tearing down of the old granite-faced concrete wall and the construction of a new retaining wall 109 feet long, 6 feet wide at the base, 2½ wide at the top and 18 feet high, the top being 4 feet above H.W.O.S.T. and faced with granite, also the dredging of two slips, one in front of the retaining wall and the other to the south of the wharf. The contract was on a unit price basis, and amounted to $18,575.60, with extras amounting to $415. The extra work consisted of the lengthening of the southern wing wall to 16 feet 2 inches instead of the 12 feet as set forth in specification, involving 28 yards of excavation, 38 cubic feet new granite, 10½ yards concrete, 5 of stone backing and 11 yards of fill. Three ring bolts were also placed in the work as extras to the contract.

Dredging.

Pier 9, Halifax, is situated at the northern point of the city near the "Narrows." It is used by the naval authorities as a coaling pier.

At the request of the naval authorities, the Public Works Department had the dredge *Fielding* do some dredging in front of the pier removing mud, boulders and some coal. The object of the work was to secure a depth of 33 feet of water in front of the pier, and this work was accomplished with the exception of a small portion near the northern end of the pier. The dredge, on account of her beam, could not take out any closer than 18 feet from the face of the wharf.

The work was carried on during the month of September, 1919, and occupied fourteen days. The material removed amounted to 2,639 cubic yards.

INVERNESS.

About the year 1884, the Broad Cove Mining Company dredged an entrance 30 feet wide by 8 feet in depth, through a sand beach 400 feet in width, into McIsaac pond and protected the channel thus formed with native timber piers. As this entrance was not maintained, the department acquired these works in 1909, and since that time frequent expenditures have been made for repairs and improvements. At

present, there is a narrow entrance that will admit ordinary fishing boats at low water. This passage is protected on the eastern side by a pier and retaining wall 1,100 feet in length, and on the western side by a pier 410 feet in length.

In order to make the entrance available for fishing boats, on August 28, 1918, a contract was entered into for the construction of an extension to the western pier, 100 feet in length and an extension of 335 feet to the eastern pier and for dredging a channel between them 30 feet wide at the bottom and to a depth of 6 feet at low water.

The work was commenced in the fall of 1918, and was completed in the fall of 1919, excepting the dredging, of which about one-third had been done.

ISLAND POINT.

A wharf was originally built at this place by the department in 1886-7 and repaired at different times up to 1904-5.

A description of this work up to that year may be found in the annual report for 1904-5.

Since that year nothing has been done at this place and for a number of years the wharf has been impassable and it was decided that it would be more advisable to construct a new wharf 50 feet to the east of the old structure.

The new wharf is to be of native piles and 166 feet long and 20 feet wide and was estimated to cost $1,650.

The work was commenced as soon as possible after the necessary materials were procured but owing to the lateness of the season the work could not be completed, and during the winter a part of the work was carried away by an ice shove. Of the amount voted for the purpose, the sum of $1,349.89 was expended during 1919-20.

LITTLE BROOK.

(For description see annual report for 1919.)

On 11th of November, 1919, a contract was entered into for the rebuilding of a portion of the shoreward end and north side of the breakwater. It was a unit price contract at 15½ cents per cubic foot of finished cribwork. The work was satisfactorily completed about the end of March, 1920, the final estimate being 25,120 cubic feet at 15½ cents—$3,893.60.

The piece of new work built was 122 feet long, 17 feet high and 12 feet wide.

The sum of $258.02 was expended by day labour in repairs to the outer end of the upper portion of the breakwater, comprising new plank and a number of fenders, also the filling in with ballast and gravel behind the new portion of the work, built by contract, and which could not be included in the contract.

LIVERPOOL.

During the past fiscal year, the Public Works' dredge *No. 7* was employed and removed 18,890 cubic yards, scow measurement. The work was commenced June 16, and completed August 21, 1919, and was on a length of 300 feet in the inside harbour and 60 feet in width, mud and sawdust were removed; near the bar for a distance of 300 feet mud and sawdust mixed with sand, and for a further distance of 950 feet hard white sand. The material removed consisted entirely of material which had filled into the channel, the operations being confined to the channel which had formerly been dredged, the outside portion of which is 150 feet in width.

LOWER KINGSBURG.

The work here involved the construction of a breakwater, skidway and boat shed, put under contract on December 7, 1918, on a unit price basis. The work has been

completed, consisting of the construction of a breakwater 170 feet by 12 to 15 wide. The skidway was built 130 feet long. The shed was built 30 by 25 by 8 to 10 feet high and the capstan was erected.

An extra to the contract was the placing of stone riprapping on the seaward side of the work, costing $407.50. The total cost of the work as completed was $4,137.60.

MCKINNON'S HARBOUR.

Departmental dredge *No. 2* was ordered to McKinnon's Harbour to improve conditions. Operations were commenced on October 13 and continued to November 8, when the work was completed. The amount of materials removed, consisting of clay, stones and sand, is 6,073 cubic yards, scow measure.

MALAGASH.

In the fiscal year 1906-07, the department constructed a whart near the central portion of this settlement. During the past fiscal year, $1,874.27 was expended in making an extension to the wharf and completing the repairs of the preceding year.

The work consisted of the construction of a new span and crib, the crib being 20 feet in length, 40 feet in width, 17 feet high, whilst the span was 12 feet in length, likewise 40 feet in width. Besides this, the completion of the former outside crib 25 feet in length, 40 feet wide, was effected this year. The chief work done during the past year was in connection with the plank, guard rails and stringers. The work was commenced November 8 and completed December 22, 1919.

MARGAREE BREAKWATER.

During 1919-20, the sum of $10,489.08 was expended by day labour in placing a cribwork block, 200 feet in length by 12 feet in width, on the seaward side of the western pier, together with reconstructing the western pier 20 feet in width for a total distance of 406 feet, as follows: 164 feet to a depth of 11 feet below the covering; 86 feet to a depth of 8 feet and 156 feet to a depth of 2 feet.

METEGHAN.

On November 10, 1919, a contract was entered into for repairs and renewals to the eastern breakwater or wharf. The work done was the demolition and reconstruction of a length of 125 feet of the shore end of the work. The contract was at unit price of $4.59 per cubic yard and the final estimate was for 869⅞ cubic yards of finished cribwork at $4.59=$3,992.28. The work was satisfactorily completed about the middle of December, 1919.

On March 26, 1920, a contract was entered into for the construction of a new "L" to the western or main breakwater. The contract is on a unit price basis of 16 cents per cubic foot of finished cribwork. The size of the new work to be built is 85 feet long, 30 feet wide and from 26 to 32 feet high, embracing a quantity of approximately 73,460 cubic feet.

NEW CAMPBELLTON.

Dredging.

The departmental dredge *No. 2* commenced operations November 11 and continued until November 29, when the work had to be suspended owing to stormy weather and winter setting in.

The amount of material removed, consisting of clay and loose stones, was 9,122 cubic yards, scow measure.

A dredge of *No. 2* type cannot complete this work, as it cannot dredge close to the wharf, and the dredging required will have to be done by a spoon dredge.

The total dredging still to be done to complete the improvement is estimated at 5,700 cubic yards in situ.

NORTH SYDNEY.

The departmental dredge *No. 2* commenced operations September 15 and continued until October 2, and on completion it was found that on the east side of the coal pier a berth 450 feet long and 50 feet wide was dredged to a depth of 26 feet at L.W.O.S.T., or until rock was met with; on the west side of the coal pier a berth 400 feet long and 50 feet wide was dredged to a depth of 26 feet below L.W.S., and on the east side of the ore pier a berth 320 feet long and 50 feet wide was dredged to 24 feet below L.W.O.S.T., or until solid rock was struck.

The amount of material removed by dredge *No. 2* is 3,253 cubic yards, scow measure, made up as follows: mud and clay, 1,813 cubic yards; rock, 520 cubic yards; coal, 975 cubic yards; ore, 45 cubic yards.

Vooght's Wharf.

Vooght's wharf is situated in about the centre of the harbour front of the town. Dredging to a greater depth around the wharf was asked for, and as the wharf is used for general traffic, it may be classed as of a public nature.

Dredge *No. 13* commenced operations October 2 and completed on October 9 all the work that could be done until ledge rock was met with.

The work accomplished consisted of the dredging of an area 100 feet long and 40 feet wide dredged to 16·5 feet below low water springs on the eastern side of the wharf. On the western side of the wharf, an area 220 feet long, 40 feet wide, was dredged to 16½ feet below L.W.O.S.T., or until ledge rock was met with.

The total quantity of material removed on both sides of the wharf was 1,179 cubic yards, scow measure, and consisted of gravel, boulders and slab rock.

Only part of the dredging asked for was completed on account of solid rock met with, and an area of 220 feet in length and 80 feet width still remains to be dredged to 16·5 feet below L.W.O.S.T. to complete the improvement.

PORT MAITLAND.

(See report for 1917 for full particulars.)

In 1919-20, the sum of $2,780 was expended in building a reinforcing block of substantial cribwork on the east side of the east breakwater. The new block is 175 feet long, 12 feet wide and from 6 to 12 feet high.

SANDY COVE.

(For a full description of the expenditures made on this work see annual reports for 1916 and 1919.)

On June 18, 1919, a contract was entered into for the construction of a reinforcing block to the seaward face of the breakwater for a lump sum price of $4,900. The length of the reinforcing block is 135 feet by a width of 11 feet and an average height of about 16 feet. The contractors began work on July 2, and carried on until November 20, 1919, by which time the work was very nearly finished. The storm of the night of November nineteenth and twentieth did some $200 or $300 worth of damage to the work and the contractors ceased operations.

Instructions were given to proceed with the completion of the work by day labour, and the work was carried on during the winter under very great difficulties and disadvantages, but it was completed on March 19, 1920, at a total cost, by day labour, of $1,995.46.

SOUTH SIDE.

This work, which hitherto has been known as "Donald's Head," is practically a small high-tide island, separated from the mainland by a beach one mile in length and from 1,500 to 2,000 feet in width. It is situated about three miles southwest of Stony island, and is a very important fishing station on Cape Sable island.

This island was protected by a cobblestone beach running along its outside, and by a breakwater situated at its northwest end, which in turn protected a small cove or harbour on the inside, as well as a small creek which has several small landings constructed upon the island side. In the fiscal year 1903-4, this department expended about $3,000 in reconstructing and extending the beach protection, and making small repairs to this breakwater.

During the past fiscal year, $2,099.23 was expended in making an extension to this work which is 40 feet in length, 30 feet width and 17 feet high at the outer end, and is constructed of continuous solid cribwork, ballasted to the top. The work at present has a total length of 275 feet, the first 235 feet having a width of 16 feet, the last and outside 40 feet having a width, as stated before, of 30 feet, the height at the outside end being 17 feet. This work was commenced August 1, and completed September 30, 1919.

SPRY BAY.

The wharf is a block and span cribwork structure, constructed during the years 1908-10, 140 feet long, including the 72 feet of approach, and is 20 feet wide.

During the fiscal year 1919-20, a contract was let for the construction of an extension to the wharf. Work was completed in December at a cost of $4,306.20. The extension is of block and span work, 60 feet long by 20 feet wide, with an ell 20 by 20 feet, giving a face length of 40 feet, and making the total length of the present wharf 200 feet, with an ell 20 by 20 feet.

SYDNEY.

A wharf originally built by the Department of Marine and Fisheries in connection with the quarantine station consisted of a block and span structure extending 148 feet to 8 feet at low water.

During the year 1915-16, the work was extended a distance of 27 feet to 10 feet at low water or 15½ feet at high water.

The departmental dredge No. *13* commenced operations November 3, and continued to the 5th, when it was suspended owing to the prevalence of northeasterly winds and storms, and when it was found impossible for the tug with loaded scows to proceed to the dumping ground, which is three milees away.

The amount of work done during these three days covers an area 230 feet long, 40 feet wide and was dredged to a depth of 13 feet at L.W.O.S.T., and the total quantity of material removed was 1,084 cubic yards, scow measure. An area of 49,400 square feet still remains to be done to complete the improvement desired, which is estimated to cost $4,380.75.

Salters and Moultons Wharves.

Salters and Moultons wharves are two adjoining private wharves on the western end of the town and are used in connection with fishing plants.

Departmental dredge *No. 13* commenced operations on October 10 and continued until October 28, when the work was completed.

The dimensions of the work accomplished consisted in the dredging of an area 280 feet long, 50 feet wide on the east side of Salter's wharf, an area 380 feet long, 110 feet wide between the two wharves, and an area 200 feet long, 110 feet wide at the end of wharves. These areas were dredged to the full depth asked for excepting at the inner ends of the wharves, where the rock was struck.

The total quantity of material removed was 9,880 cubic yards scow measure and consisted of mud, gravel, stones, sand, rock ballast and ledge rock.

TROUT COVE.

A full account of the old breakwater will be found in the departmental report for 1913. A full account of the new breakwater, which was begun in 1912, by contract, will be found in the departmental report for 1916.

In 1919-20, the sum of $2,163.25 was expended in removing between 800 and 1,000 cubic yards of sand and gravel from inside the "L" of the breakwater and in miscellaneous repairs to the floor. Some 30 feet in length of the floor of the "L" was renewed, as well as eight or ten fenders.

WEST HEAD.

Between the years 1907 and 1909, a breakwater-wharf was constructed. It consists of a rock bank approach 100 feet in length, 24 feet in width at the top, and continuous stone-filled log cribwork 247 feet in length, 20 feet width, with the exception of the last 40 feet, which has a width of 70 feet.

In the spring of 1918, this work was badly damaged; in fact the whole wharf was moved from one to three feet out of place by the heavy sea.

During the past fiscal year, $3,089.12 was expended in constructing a reinforced section on the outside. This section is 10 feet in width and runs for the whole length of the breakwater except the head, which was not damaged nor misplaced. The length of this widening is therefore 207 feet; the first 140 feet has been constructed to its full height, that is to the top of the wharf, whilst the last 67 feet has been constructed and ballasted to H.W.O.S.T.

This work was commenced August 6 and completed October 28, 1919.

WHITE POINT.

The breakwater constructed by the department about thirty-five years ago was not strong enough to protect the inside, which was used by the fishermen for a landing; in 1912-13, it was decided to construct a work of permanent material.

During the past fiscal year, $2,098.65 was expended in further extending this work.

The work consisted of constructing an inshore block 30 feet in length, 15 feet width, and an outshore block 16 feet in length, likewise 15 feet in width, the height of the former being 10 feet, the latter 15 feet. The breakwater at present is 150 feet in length, 15 feet width, with a height at the outer end of 15 feet. To complete it would require a further extension of about 40 feet.

Work was commenced September 1 and completed November 29, 1919.

YARMOUTH.

Dredging.

In 1919-20, the Public Works dredge *Northumberland No. 5* removed 88,928 cubic yards, place measurement. The work done consists in widening the channel opposite the Crotch Light flats. The material was deposited on the flats through 1,000 feet of pontoon pipe.

The dredge began work September 24 and stopped work November 29. The dredging was comprised within a maximum length of 1,650 feet by a maximum width of 160 feet. The maximum depth of cut was about 25 feet and the bottom of the cutting has an average depth below L.W.O.S.T. of 20 feet.

The dredge *Fielding No. 1* removed 12,131 cubic yards, place measurement, from the Bug Light shoal. The material was taken out and dumped in 12 fathoms of water outside the harbour. Being equipped with two hoppers, of a capacity of 500 cubic yards each, the spoil was carried by the dredge to the dumping ground, a distance of about two miles seaward.

The material consisted of sand and boulders. The dredge began work July 15. On August 5 rocks and boulders began coming up in the buckets, causing heavy strain on the machine and resulting in damage to one of the buckets. This condition continuing, further work at this point became impracticable without doing serious damage to the dredge, and work was therefore abandoned on August 7, when the dredge moved to John's Cove shoal and began work on August 9, ceasing September 6. During this period, 21,100 cubic yards, scow measurement, of fine sand was removed.

The unattained object of the dredging at the Bug Light was to reduce the angle of turn on entering and leaving the harbour.

The object of the dredging at John's cove was to deepen and straighten the main channel by the removal of a shoal about 1,800 feet southeast of John's cove in Yarmouth sound.

Dredging at Bug Light shoal is comprised within an area of a maximum length of 900 feet, by a maximum width of 350 feet and a maximum depth of cut of about 2 feet. The area dredged has an average depth of 21 feet at L.W.O.S.T.

Dredging at John's cove is comprised within an area of a maximum length of 675 feet, by a maximum width of 275 feet and a maximum depth of cut of 2 feet. Area dredged has an average depth of 21 feet at L.W.O.S.T.

PRINCE EDWARD ISLAND.

BAY FORTUNE.

Dredging.

The entrance to the harbour is obstructed by a bar carrying generally about 4 feet at low water spring tides; this shoal depth greatly interferes with traffic as only vessels of very light draught can enter or depart at ordinary tides. Some improvements in conditions have been effected by the construction of a breakwater running parallel with the channel a distance of 890 feet, but as the increased scour from this work was not sufficient to maintain the depth required over the bar, improvements were commenced by D.P.W. dredge *No. 11* October 2 and carried on until November 17, when suspended, the dredge taking up winter quarters in Souris harbour nearby.

The work done consisted in making a cut about 600 feet in length and 50 feet in width, carrying not less than 8 feet at low water spring tides. This cut extended about two-thirds through the bar and involved the removal of 6,618 cubic yards, scow measurement, of brick clay, gravel, boulders and sand.

As there still remains 8,222 cubic yards of material to be removed in order to complete the cut through the bar and make other necessary improvements it is proposed the above dredge resume operations at the place on opening of navigation coming spring.

A length of 250 feet of the inner end of the breakwater having become damaged and partly carried away by high tides and storms during late fall of 1918, was entirely reconstructed past season at a cost of $1,595.66. Work was commenced July 9 and satisfactorily completed October 8.

BEACH POINT.

Dredging.

(This work is described in the annual report for 1918.)

Work was resumed July 23 and carried through to a satisfactory completion on September 17, 1919, there being removed between the latter dates 23,490 cubic yards, scow, and 3,040 cubic yards, place measurement, overcasting, of mud, brick clay and boulders. All the material overcast was redredged and scowed away. The improvements made covering the two seasons consisted in forming a channel 1,000 feet in length, 65 to 75 feet in width, the inner 200 feet widening out to 200 feet at the shore end to form a turning basin, the whole carrying from 7 to 8 feet at low water spring tides.

Some small improvements to facilitate shipping of the district were authorized to be undertaken at Messrs. Prowse & Sons wharf by dredge *No. 9* before leaving the vicinity.

The berth on the west side of the above wharf as laid out to be dredged had a length of 100 feet and width of 65 feet, to carry 8 feet at low water spring tides. Commencement was made September 18 and discontinued on 24th, when a length of 75 feet had been completed, as the material which was very fine soft sand ran back into the cut about as fast as it could be dredged. The total quantity of material removed at the wharf was 500 cubic yards, scow, and 700 cubic yards, place measurement, of overcasting, 300 cubic yards of the latter being redredged and scowed away.

BELFAST.

Dredging.

During July 4 to 18, departmental dredge *No. 9* removed 9,640 cubic yards, scow measurement, of principally mud and silt, cleaning up the basin 240 feet by 150 feet in front of pierhead to 9 feet at low water spring tides or 18 feet at high water.

Exceptionally high storm tides which occurred in the late fall of 1918, washed out a portion of the roadway approach and damaged the covering of the pierhead. During the past season, the necessary repairs were effected. Work commenced April 23 and was carried on at different times until June 30, when satisfactorily completed.

CHARLOTTETOWN.

Authority was granted to undertake the cleaning up of the dock between Messrs. Buntain, Bell & Co.'s and the Queen's wharves, also the berth on the east side of the former. Dredge D.P.W. *No. 9* commenced operations in the above dock on December 2, continuing until the 16th of that month when ice conditions prevented further work and the plant went into winter quarters nearby.

During this time, 6,120 cubic yards, scow measurement, of principally soft mud and silt were removed from the Queen's dock there now remaining only some little cleaning up at both its ends to complete this portion of the work.

All improvements as laid down will require the removal of 14,000 cubic yards, scow measurement, of material and consist of forming berth on the east side of Messrs. Buntain, Bell & Co.'s wharf 500 feet in length, and 40 feet in width to carry 20 feet at L.W.S. tides over the outer 200 feet from where it gradually grades up to 12 feet on inner end, while the dock on the west side is to be 415 feet long, 80 feet wide at outer end and 68 feet at the inner end, grading from 18 up to 15 feet at L.W.S. tides.

To complete these improvements there remains to be removed 8,121 cubic yards scow measurement of material and it is proposed dredge *No. 9* will undertake this work immediately navigation opens.

HURD'S POINT PIER.

Dredging.

Improvements in the immediate vicinity of the pierhead were undertaken by dredge P.W.D. *No. 9* during last season.

Operations were carried on from October 3 to 31, on which latter date the work was satisfactorily completed, there being removed 13,180 cubic yards, scow measurement, of principally soft mud and sand. The work commenced 600 feet from the pierhead, where the former dredged channel has a width of 60 feet, and was continued inwardly gradually widening to 200 feet immediately in front of the pier so as to form a turning basin for vessels, while a shipping berth 80 feet wide and 100 feet in length was dredged on the eastern side. The depth made over all the work was 9 feet at low water spring tides, which are assumed to be 11 feet below top of guard timber in front of the pierhead to which all soundings are reduced.

Most of the material excavated being of a very soft nature some filling in over the area dredged may take place from time to time; a reasonable permanency, however, is expected.

Wharf.

Portions of the plank covering on outer part of the approach, having become unsafe owing to decay, was replaced with new material at a cost of $188.30. This work was commenced August 27 and satisfactorily completed September 5.

NORTH LAKE.

During the fall of 1917, a very severe storm formed a new outlet from the lake into the sea about three-quarters of a mile west of the original outlet winding through the beaches which ceased to discharge, almost immediately new conditions occurred and it became completely blocked with drifting sand.

With a view of making the new outlet permanent, a contract for the construction of the necessary channel and beach protection works was entered into September 23, 1919, on a unit price basis entailing an approximate expenditure of $25,000, the materials for which are now being obtained; actual construction to commence after departure of ice from the coast.

The main works which have a clear width of 45 feet between them will consist of a series of pile bents, waled and close-piled on faces and ends; the interior being filled with alternate layers of brush and stone. The eastern work has a length of 330 feet and the western 300 feet, both being 15 feet in width except the outer 50 feet which is 20 feet, while the beach protection works are of similar construction and extend from the main work at right angles east and west 108 and 80 feet respectively.

SOURIS HARBOUR.

(This work is described in departmental report for 1915.)

Natural settlement having occurred in the stone riprap protection slope on the seaward side of the breakwater, its making up and repair was undertaken under contract of August 11, 1919, for delivery of from 4,000 to 5,000 cubic yards as found required of approved stone at a price of $10.75 per cubic yard in place.

Owing to delay in awarding the contract, delivery of stone was not commenced until September 10 and carried on till November 8, 1919, when suspended for season. The work done has been delivery and placing of 1,714 cubic yards large size Wallace free stone, making up of the settlement in the protection slope for a length of 135 feet adjoining the outer block.

WOOD ISLANDS.

Works for the formation of a boat harbour at this place were first commenced by the local Government in 1859, and since continued by the Dominion Government until now as described in departmental report for 1918.

As the greater portion of the works, particularly the north breakwater, has become through age and action of the teredo much out of repair and about impassable, it will be necessary to make considerable expenditure on it from time to time should it be decided to maintain this portion of the work for shipping purposes. A large portion of the south breakwater, which in itself forms a harbour of refuge for various small craft employed fishing, freighting, etc., in the vicinity, is comparatively new work, particularly the two outer 100 feet blocks, and is of such public importance as to justify its upkeep.

During the past season the 12 by 12-inch timber wall on seaward side of the south breakwater for a length of 50 feet and height of 10 feet commencing at a point 200 feet from the harbour entrance was rebuilt, reballasted and strengthened with piling; the piles extending inward a further distance of 125 feet along the old work. General repairs and strengthening were also effected to the outer 100 feet block, while the entire covering on the outer portion of the whole work was renewed or repaired as required. Owing to weather conditions, it was impossible to place all the ballast required in the work.

Work commenced August 12 and was suspended September 18.

NEW BRUNSWICK.

BACK BAY.

The wharf, part of which was built by the Provincial Government, and transferred to the Federal Government on the 5th of June, 1918, is now 321 feet in total length, having an approach 293 feet long and from 16 to 20 feet wide, and a cribwork pierhead 50 feet wide and 30 feet long.

On the 11th of March, 1919, a unit price contract was let for the renewal of and repairs to the wharf, the work to consist of replacing the approach, for a distance of 165 feet, with trestlework, inserting six new bents in the shore end of the approach, rebuilding one flight of steps, and renewing some cap and covering. The work was begun June 19 and completed August 5, 1919.

Expenditure for fiscal year was $4,323.50.

BATHURST.

Dredging.

In the Main or Nepisiquit channel 17 feet of water at low water ordinary spring tides is called for under the present project, but no doubt a depth of 20 feet will in time be adopted to meet the requirements of shipping in order that vessels may take full loads inside and sail at ordinary high tides.

Dredging has been in progress since 1913, except in the season of 1918, either with contract or Government dredges or both, and the main channel and the turning basin at its head and also the channel from the Middle river, leading to the Bathurst Lumber Company's Mill No. 1 and the departmental wharf, have been dredged throughout, but not as yet to the full width or depth. The limiting depth is now about 13½ feet.

To complete the present project the removal of about 600,000 cubic yards is still necessary, including dredging to the extent of about 67,000 cubic yards in a branch channel along the town shore to the Eddy Company's mill.

The general dimensions of the work are as follows:—

On the main or Nepisquit channel, about 3·6 miles long from the harbour entrance to the berth and turning basin at the pulp-mill, the required width of cut is 200 feet, increased to 300 to 350 feet at the turns, and depth 17 feet at low water.

The turning basin and berth together will have an average width of 450 feet, length of 900 feet, and depth of 21 feet at low water.

In the branch channel at the Gloucester Lumber and Trading Company's and the Geo. Eddy Company's wharves the proposed cut is 2,000 feet long and 100 feet wide with 12 feet at low water.

The Middle river channel is 4,500 feet long, proposed depth 15 feet at low water and width about 100 feet.

The cut across the outer bar is 1·7 mile long, required width 200 feet and depth 17 feet at low water.

During the season of 1919, dredge *P.W.D. No. 13* worked between June 2 and 19 in the Middle river channel, working upwards from The Forks for a distance of about 900 feet in a cut about 40 feet wide with depths of 13 and 13½ feet. Previous depths were about 10 to 12 feet, and these depths are still found in a short section beyond the cut which the dredge was not able to complete, being obliged to leave to take up work elsewhere.

The quantity removed amounted to 7,619 cubic yards, barge measurement. Material—sand.

Dredge *P.W.D. No. 3* worked between June 24 and November 29 at the following points:—

(*a*) Outer Bar—quantity removed—Inside Harbour..	66,005	cubic yards.
(*b*) Ripple Bar—quantity removed..	20,732	" "
(*c*) Ballast Bar—quantity removed..	3,510	" "
(*d*) Seal Bar—quantity removed..	7,205	" "
(*e*) Bathurst Lumber Company's Mill No. 2 Wharf..	2,798	" "
Total..	100,250	" " barge measure.

On the Outer bar the dredge worked over about half the shoal, deepening a number of sections where shoaling had occurred, widening the cut and giving a least depth of about 15½ feet, or 1 foot deeper than the previous minimum.

At (*b*) heavy shoaling occurs in a point which forms each season from the southern side, nearly crossing the channel.

The dredge removed this point to a depth of about 14 feet and worked over about one-quarter of a mile of the channel at this section.

At (*c*) the dredge worked over a shoal section in a length of about 400 feet, giving about 1 foot better water than previously.

At (*d*) two sections were dredged, but the filling in of the previous season was not fully removed and the controlling depth, at the upper end of the Seal bar, is now only about 13½ feet, or slightly less than before.

At (*e*) the berth along the face of the wharf, which has a length of 940 feet, was deepened and a ridge 10 to 20 feet wide was removed along the upper 480 feet, or the old section.

The depth in the upper berth is now 19 feet at low water; in the lower berth 18 feet but at a distance of about 15 to 50 feet out from the face.

The material on the outer bar is sand with in places firm clay below.

On the Ripple, Ballast, and Seal bars it is sand to fine gravel, partly loose and partly compact. From the Forks upwards the material varies from soft mud to stiff clay, with sand on the Tetagouche bar at the lower end of the Middle channel.

Heavy shoaling occurs, particularly near the outer end of the Outer bar, on the Ripple bar and the Tetagouche bar, and we have estimated the removal of 30 to 50,000 cubic yards annually as necessary for maintenance.

During 1918 no dredging was done, and the total of 107,869 cubic yards removed in 1919 was probably nine-tenths filled in material.

BLACK RIVER.

Dredging.

During the past season a cut 900 feet long was made across the flats. The cut is 40 feet wide except at the upper end, which was widened to give an easy curve. The depth given was 3½ feet at low water, the flats being dry or nearly so at low water ordinary spring tides.

The lower obstruction to navigation has thus been removed and there remains, to complete the desired improvement, dredging across a second bend, and a shoal section in the present channel near the Cameron bridge.

The total quantity removed between June 27 and September 23, when the work was in progress, was 8,500 cubic yards, barge measurement. The material was mud.

The dredging was done under contract at 24 cents per cubic yard, barge measurement, the total payment amounting to $2,040. A gasolene power clamshell dredge, *The Black River,* was employed.

CAMPBELLTON.

Dredging.

Between July 28 and August 4 and between August 26 and 28, dredge *P.W.D. No. 2* worked in the inner berth of the deep water wharf, where previously were depths of about 14 to 20 feet.

A depth of 20 to 24 feet was given for a length of 375 feet along the outer section of the wharf and a width of 50 to 80 feet. A narrow ridge is left along the face of the wharf which cannot be removed with this dredge. The material removed amounted to 8,000 cubic yards, barge measurement.

The outer berth requires dredging to the extent of 25,000 cubic yards, barge measurement, and as shipping increases the dredging of the inner berth should be extended to provide an additional berth at the inner end.

Material—Mud, sand and gravel.

Wharfs.

Extensive repairs were made to the deepwater, ferry and market wharfs.

DIPPER HARBOUR.

The breakwater-wharf built by the department in 1905-6, and extended in 1911-12, is now 445 feet in total length, and consists of square timber cribwork, filled with stone, varying in width from 28 to 38 feet, on top.

To maintain the seaward side of the pierhead, which had been loosened by heavy storms, six piles were driven in July, 1919, as a test of a method of protection. As this method proved satisfactory, the whole of the seaward side of the pierhead, a distance of 87 feet, was close-piled in September, 1919, forty-three piles, from 45 to 58 feet in length, being driven and bolted in place with drift and screw bolts.

GREAT SALMON RIVER.

During 1919-20, a wharf of round cribwork, 245 feet long on the outer face, and 11·5 feet wide on top, was constructed by day labour. The wharf was filled with stone ballast, and connected with the old wharf at each end with plank driveways. All materials for this work were supplied by the Pejepscot Paper Company free of charge to the department. The work was begun on August 6, and completed on November 14, 1919.

The expenditure for the fiscal year was $2,462.34.

LOGGIEVILLE.

Dredging.

Dredge *P.W.D. No. 13* was at work between July 18 and August 4, working upwards and inwards from the 18-foot contour at a point about 200 feet below the lower end of the A. & R. Loggie Company wharf, giving depths of about 16 feet to a point about 200 feet above the lower end of the wharf and a berth 100 feet wide with depths of 12½ to 14½ feet to within about 50 feet of the upper end.

At the upper end, a small berth was dredged about 50 feet wide extending 150 feet shorewards from the northwest corner with depths of 5 to 7 feet where was previously an average depth of about 2 feet, the berth here being required for tugs, fishing boats, etc.

Along the face of the public wharf a berth about 75 feet wide or out to the 12-foot contour was dredged to depths of 9 to 14 feet, where were previously only 6 to 8 feet, and the same berths were dredged in the approach for a length of about 250 feet below the wharf in a gradually decreasing width.

Depths given are below low water ordinary spring tides, the range of spring tides being 6 feet.

The quantity dredged was 14,082 cubic yards, barge measurement, being 11,954 cubic yards at the A. & R. Loggie Company wharf and 2,128 cubic yards at the public wharf.

The material is soft mud, and very heavy shoaling occurs.

MIZZENETTE.

The wharf was built in 1889 and was originally 538 feet long but is now 372 feet long, the outer section having been abandoned in 1897-98.

During the fiscal year 1919-20, the wharf was almost wholly rebuilt. The old superstructure, cap, covering, stringers, and upper round timbers of the blocks, was removed. Small blocks about 17 to 20 feet long by 13 feet wide were built to fill spans Nos. 1, 2, 3, 5 and 6. The westerly half of the pierhead was removed and one block 34 by 13 feet built to replace it and fill span No. 7. A continuous superstructure three to five tiers high was laid over the new and remains of the old blocks except at span 4, which was left open and on which new stringers and covering were laid, and the work was filled with ballast and surfaced with earth and gravel. The shore block was extended 30 feet shorewards with cribwork two tiers high. Sixty-seven new fenders were placed around the work.

The work was in progress between July 21 and September 30, 1919.

The expenditure for the fiscal year was $2,843.98.

NEGUAC.

The work of reconstruction and repair of the wharf, which has been in progress in the last four seasons, was completed during the fiscal year 1919-20.

Seven of the spans, 20 feet long, were filled in with small timber cribs about 17 feet long by 23 feet wide, and a continuous superstructure was built over these cribs and the adjoining nine original blocks, the decayed superstructure of the blocks being first removed. The new superstructure throughout was filled with ballast and surfaced with gravel. New stringers and covering were placed over three spans which were left as openings through the wharf. These spans and the new cribwork superstructure covered a length of about 367½ feet, extending to the outer end of the approach. New cap-timbers were laid in a length of 367 feet, new 3-inch covering was laid over the old section, 40 by 60 feet, of the pierhead, and hardwood sheathing was placed on the eastern face of the pierhead, old and new sections, a length of 60 feet.

The expenditure for the fiscal year was $4,334.53.

OAK POINT.

The wharf, which is 481 feet long, was built in 1907 and 1908.

The block next the pierhead of the wharf had been moved 4 feet westerly by ice and the whole wharf was weakened by the teredo.

During the fiscal year 1919-20, two cribwork blocks, one 14·7 feet long by 20·2 to 23·7 feet wide and one 15·5 feet long by 24·3 to 30 feet wide, were built to fill in the two outer spans at either side of the displaced block, thus making the outer 129 feet of the wharf, including the pierhead, practically one solid cribwork structure. Extra stringers were laid to straighten the eastern side where the block was moved.

Two new slips were cut in the pierhead to enable the steamer to lie further in along the sides of the wharf. The original pierhead and the two new blocks were sheathed with creosoted timber. Two-inch plank was laid over the old covering of the pierhead and in a strip 10 feet wide by 430 feet long on the approach, also over the old covering which was first repaired.

Early in November a heavy storm carried off or damaged several sections of the covering and therefore 2,000 feet board measure were purchased for repairs, but on account of the great scarcity of labour at the time these repairs could not be made.

Work was in progress between June 23 and July 2, and between September 1 and October 21, 1919.

The expenditure for the fiscal year was $3,003.87.

PORT DUFFERIN.

Authority was given to rebuild, by day labour, a portion of the breastworks 161 feet in length. Materials were purchased and work commenced driving piles and framing the necessary cribwork, the whole work being completed in August. The whole breastwork is now in good condition, and should stand for a number of years without any further expenditure.

The total expenditure was $12,904.19.

RICHIBUCTO CAPE.

The works consist of a main breakwater and a southern pier inclosing a sheltered harbour about 2.8 acres in extent.

During the fiscal year 1919-20, the connecting block 101 feet long and end block 30 feet square of the pierhead of the breakwater were completed.

The connecting block was raised about 2 feet with round timber, stringers and plank; the side bays were filled with stone; the upper 4 to 8 feet of the outer face was sheathed with hardwood plank and the old lower sheathing was rebolted. The end block was raised about 3 feet with square and round timber, stringers and covering; additional ballast was placed to a depth of 3 feet and fenders 6 feet long were placed around the sides. A section 55 feet long of the outer face of the original pierhead, where part of the square face timbers were carried away last spring, was close-piled.

The work was in progress between September 19 and November 26, 1919.

The expenditure for the fiscal year was $1,980.

ST. JOHN.

Grain Conveyer to Berth 15.

On March 2, 1920, a contract was signed with Messrs. Grant & Horne for the construction of grain conveyer from the Canadian Pacific Railway Company's elevator to Berth 15, West St. John. On account of the winterport business, it was impossible

to work either across the railway company's yards or at Berth 15. The contractors commenced work, however, framing the materials required, and made a commencement on one of the towers for the conveyer galleries. The expenditure to the end of March was $10,898.20.

Dredging.

During the season, 64,971 cubic yards were dredged in the main entrance channel of the harbour by the departmental dredge *No. 1*. The deep water berths, West St. John, were also dredged to a uniform depth of 32 feet. This latter work was performed partly by departmental dredge *No. 1* and partly by contract, the department dredge removing 67,182 cubic yards, and 17,216 cubic yards were removed by contract. The expenditure for contract dredging was $6,253.88.

COURTENAY BAY.

The work of extending the Courtenay Bay breakwater has proceeded continuously during the year, and rock has been deposited for the full length of the extension, 2,500 feet, by side-dumping cars from a single-track trestle, built in advance of the work. The larger stones, measuring from two yards and up, for covering the outer slopes, are being deposited by the use of three steam derricks and a locomotive crane. The supply of large stone has not quite kept up to the progress of the other work, but the output of this stone has now been very much increased, and it is not expected that any delays in completing the work will occur from insufficient quantity of this stone. The work remaining to be done, in completion of the breakwater, is bringing the slopes of the core to uniform lines and grade, and placing of cover stone. The past winter has been very severe, and several storms have occurred which raked down the breakwater slopes, but these were not moved outside the lines of the work, and, therefore, no material loss was sustained either by the Government or the contractors; 398,349 cubic yards small and 6,001 cubic yards large stone were deposited in the breakwater during the year.

Submarine Rock.—The quantity of submarine rock at the entrance to the dry dock to be removed was increased from 75,000 to 140,000 cubic yards. As soon as the necessary authority was granted the contractors commenced the construction of a cofferdam to inclose the whole submarine rock area, and thereby excavate in the dry. The cofferdam is built with pile trestle on bents, 10-foot centres, sheeted with 6-inch tongued and grooved British Columbia fir, driven from 2 to 3 feet into clay overlying the rock. On the outside of the cofferdam is placed quarry waste, etc., and on the inside, clay obtained from the vicinity of the dry dock. The 10-inch centrifugal pumps are used to keep the cofferdam dry, and work has been commenced on excavation of the rock.

Dredging.

In September, a suction dredge commenced dredging in the basin, but very unsatisfactory progress was made, there having been about 50 per cent delays during the time worked. Operations were suspended on December 11, and since that time no further dredging has been done.

General Maintenance of Harbour.

During the season, general repairs were made to the different wharves and buildings in the harbour, in addition to improvements to the grade conveyer system, Berth No. 5.

Total expenditure for the fiscal year 1920 was $1,135,970.29.

SHIPPIGAN GULLY.

Works were begun in 1875 to improve the channel at the gully, in which there was then a least depth of only 3¼ feet at low water.

Repairs both by day labour and under contract were in progress during the fiscal year 1919-20.

By day labour, between 2nd and 14th and 23rd and 30th June and between 1st and 7th and 18th and 22nd August, a breastwork 165 feet long was built on the west beach; 54 piles 14 feet long were driven in this breastwork, which is 6 feet wide and 6 feet high, and brush is packed between the piles; 14 broken piles were removed from the outer corner of the return pier of the western breakwater, spliced with hardwood sticks on hand and redriven at the same corners.

On September 27, 1919, a contract was entered into for general repairs and the construction of protective blocks at the western breakwater.

Works began under the contract on September 29 and by December 31, when the work closed down, 60 main and 326 close piles had been driven in a length of 301 feet along the outside face of the breakwater, beginning 430 feet from the outer end. One main and 24 close-piles were driven in a length of 20·8 feet and 2 main and 33 close-piles in a length of 29·2 feet on the inside face, beginning 440 feet and 280 feet respectively from the outer end. The piles were secured with walings and cross-ties and brush and stone were placed in the work.

The contract is on a unit price basis, the estimated cost being about $16,000, of which $7,390 was expended at the close of the fiscal year.

The expenditure for the year was $8,309.15.

STONEHAVEN.

The breakwater, originally a private structure and acquired by the department in 1878, and a western pier inclose a harbour with an area of 2.1 acres.

Between September 8 and October 16, 1919, a cribwork block 40 feet long, about 5 feet wide on top and 15 feet at the bottom and 12 feet high was built outside the outer end of the approach which was in danger of being broken through; 30 feet of the block was sheathed with lumber hewn to 8 inches thick; 90 cubic yards of ballast were placed in the new crib and in the old crib at the corner, the sheathing of which was repaired; 25½ cubic yards of large granite blocks were placed on the talus outside the pierhead.

The expenditure for the fiscal year was $1,198.80.

WASHADEMOAK LAKE.

The object of the dredging performed in 1919-20, was to provide a better channel to Coles island, at the head of Washademoak lake. Formerly, for a considerable stretch at the head of the lake the channel had only 8 feet of water, or less, and for a section nearly half a mile in length, where it had been formerly dredged, the width was only between 30 and 40 feet and difficult to navigate.

The section dredged was 6,200 feet in length, and covered a total distance of approximately eight miles, the shoals being intermittent. The channel as completed is 75 feet wide, with a 9-foot grade or 10-foot subgrade.

In addition to the channel work, a small amount of dredging (803 cubic yards, place measurement) was done in front of Perry's wharf, on Washademoak lake, in order to give satisfactory access to the wharf. The material removed consisted of clay and sandstone, and a depth of at least 9 feet was made.

Between August 29 and November 8, 1919, the departmental suction dredge *No. 12* removed a total quantity of 30,095 cubic yards, place measurement, of sand, silt and lumber refuse, from the channel and in front of Perry's wharf.

The material was generally deposited on a sweep not more than 100 feet back from the shore of the lake. A portion of the material, however, was deposited in a blind channel where it would in no way interfere with navigation.

WELCHPOOL.

During 1919-20 a floating slip was constructed, placed in position and secured. The slip consists of a scow or pontoon 30 feet by 17 feet and a gangway 42 feet long and 3½ feet wide secured to a platform 8 feet by 4 feet supported by two posts securely braced to the wharf. The work was begun on October 25, 1919, and completed on January 9, 1920.

PROVINCE OF QUEBEC.

ANSE A BEAUFILS.

During the last fiscal year, the groin partly built at right angle from the east jetty last year was completed, and an extension of 35 by 20 feet of open-face crib-work was built and completed.

A top breastwork of 90 feet was built and the whole of the old breastwork towards shore repaired.

Expenditure $2,494.21.

BATISCAN.

Dredging.

The shoals situated below the wharf have been removed completely, and a cut of 1,150 feet in length by 30 in width has been made above the wharf in the upstream channel. All this dredging has been made to a depth of 12 feet below low water level. The total quantity of material removed was 16,350 cubic yards, scow measure, of sand.

The dredging was done by dredge *P.W.D. No. 123* from October 21 to November 15, 1919, and dredge *Q. & R. No. 1* from November 6 to 15, 1919.

Though the dredging was not completed, it has, nevertheless, relieved the situation.

Further dredging will be required next year, in order to complete the whole programme of the work.

CAUGHNAWAGA.

Dredging.

The object of this dredging was to give better access to the Government wharf by the ferryboat *Hebron,* plying to and from Lachine and drawing 7½ feet of water.

The site of dredging is immediately opposite the downstream corner of wharf, some 155 feet from the Grand Trunk Railway wharf.

From September 27 to November 28 departmental dredge *No. 121* worked here and removed 1,340 cubic yards, place measurement, or 2,010 cubic yards, scow measurement.

Dimensions of work done are as follows: A cut 60 feet wide parallel with current by 110 feet long average to 9 feet clear below extreme low water; some cleaning up was also done in front and downstream of the wharf, 130 feet long, parallel with current by 40 feet wide average, to 7 feet below low water level.

Material removed was hardpan, boulders and cemented clay, very hard to remove. The channel in front of Government wharf is over 200 feet wide with a good 9 feet clear of water at low water and 7 feet around the wharf with a swinging basin allowing nearly 8 feet of water.

GROSSE ISLE.

Dredging.

During the fiscal year ended March 31, 1920, dredging was performed around the outer end of the eastern wharf at Grosse Isle Quarantine Station.

The object of the work was to provide a sufficient depth of water at low tides, so that the quarantine steamer *Alice* may not be delayed in her service, on account of being stranded at low tides, and also to allow the steamer to find shelter on either side of the wharf.

Dredging was performed on an area of 13,500 square feet on a mean depth of 5 feet.

The material excavated was clay overlaid by silt deposits and the quantity removed was 2,870 cubic yards, scow measurement, allowing an expansion factor of about 30 per cent. The work was done by departmental dredge *Progress, No. 116,* between May 13 and 24, 1919.

LÉVIS.

Deep Water Wharf.

During the past season an angle crib, 60 feet long, was built at the east end of the permanent concrete deep water wharf, in order to stop the river washing out back-filling.

Total expenditure to date was $2,607.20.

MAGOG.

A contract was entered into on the unit price of payment for the construction of the wharf.

The work commenced on August 9, 1919, and was carried on satisfactorily until its completion on January 3, 1920, and consisted:—

1. In taking down the pile headblock.

2. In the construction of a close-faced crib 15 feet wide at the bottom and 10 feet at the top all around the work.

3. In filling the inside space with stone and levelling with an 8-inch layer of gravel.

4. In building a combined shelter, baggage-room and waiting-room, placed on a concrete flooring, for the use of the public. The present headblock is 55 feet wide and some 220 feet long, having on both sides at the inside end low landing stages for small boats.

The expenditure was $22,220.57.

Pending this reconstruction, it was found necessary to make minor temporary repairs to the old wharf and work was done intermittingly from June 12 to October 17, 1919, and consisted in renewing some of the old floor planks.

NEW CARLISLE.

Dredging was done during the fiscal year 1919-20, to provide a tidal basin of sufficient dimensions to allow safe berthing of vessels while loading. A basin of nearly 245 feet in length by a mean width of 75 feet and a mean depth of 13 feet L.W.S.T. was dredged by departmental dredge *No. 13* from June 20 to July 4, 1919. The amount of materials removed was 5,837 cubic yards, scow measurement.

Materials, which consisted in coarse sand, were dumped in about 50 feet of water at about two miles from working grounds.

NICOLET.

Dredging.

The work consisted in dredging the channel 60 feet wide from the outlet up to about 1,600 feet to a depth of 8 feet below extreme low water level with 1 foot allowance.

The work was performed by dredge *Capital,* at the price of 45 cents per yard, scow measure; it was commenced October 23 and completed on November 28, 1919, and involved the removal of 9,105·5 cubic yards, scow measurement.

The cost of this work was $4,237.48.

PORT ALFRED.

Dredging was performed by the departmental dredge *No. 110,* and was started on September 5 and suspended on October 8.

Two cuts, 35 feet in width by an average length of 625 feet, were dredged.

The work done consists mostly in the redredging that portion dredged during the summer 1917, with the exception of a strip of about 6 feet in width by 640 feet in length, closer to the wharf under construction, which was a newly-dredged area.

Work was done to 27 feet below low water line, plus an allowance of one foot for subgrade; 28,978 cubic yards, scow measurement, of material were removed and dumped at a distance of about one-quarter of a mile.

The material removed consists of very soft clay, and some difficulties were experienced in performing that work, owing to the nature of the bottom.

RESTIGOUCHE RIVER.

Champoux Wharf.

Dredge *P.W.D. No. 2* worked between August 5 and 20, 1919, giving depths of 21 to 24 feet in a length of about 250 feet, the lower end of the berth being already of sufficient depth, and for a width of about 80 feet. The depths over the section dredged previously ranged from about 13·6 to 22½ feet.

The material removed amounted to 8,000 cubic yards, barge measurement.

A ridge remains about 15 to 20 feet wide with 12 to 17 feet at low water close to the wharf, which could not be removed by this dredge.

Depths given are at low water of spring tides, the average range of which is about 10 feet.

RICHMOND.

On June 24, 1919, a contract was entered into for the construction of three ice-breakers immediately above the narrows below the town, on the unit price basis.

The work commenced on January 12, and was completed March 13, 1920. It consisted in building three similar close-faced crib ice-breakers, 26 feet long, 18 feet wide by 24 feet high, sheathed and protected by steel plates on side edges of the sloping face.

During the fiscal year 1919-20 the expenditure was $10,721.10.

RIMOUSKI HARBOUR IMPROVEMENTS.

The wharf, which is now 2,340 feet in length by 245 feet, 150 and 42 feet in width, constitutes, with the protection of the island St. Barnabe, one of the best harbours.

A contract was entered into at schedule prices on March 21, 1914, for the construction of a line of cribwork and the dredging of a tidal basin.

This contract was cancelled on November 9, 1918, before its completion, and it was decided to complete work by day labour.

Cribwork.

The work done during the fiscal year 1919-20 consisted in the completion of the sheathing of the westerly, northerly and easterly sides of new construction, the laying of the 100 feet of cap-piece remaining to be done, and entirely finishing off the construction work.

Passageway.

The two passageways uniting old and new constructions, which were commenced during last fiscal year 1918-19, were completed early in summer of 1919.

Filling.

To fill the space between old and new wharves, the clam derrick bought from the contractors was put in operation to rehandle material brought in flat scows alongside of the wharf. A second clam derrick was also erected with the view of accelerating work. A trestle and track were built between the two wharves on a length of 1,000 feet to permit the travelling of the two clam derricks.

With these two derricks 46,043 cubic yards of dredged materials, scow measurement, of which the coefficient was found to be about 40 per cent, were utilized for filling purposes.

From September, 1919, to March 31, 1920, 18,549 cubic yards of shale rock were carted from our quarry, 20,886 yards of sand and gravel were bought and carted by local farmers, 3,542 loads of approximately two cubic yards of brush were also dumped in between layers of filling, and 432 cubic yards of stone were packed in some places to fill in spaces along cribs.

Dredging.

The dredging work done was authorized to complete the tidal basin, begun in 1914, under contract, which was cancelled in November, 1918 and, it was decided afterwards by the Department to have this work proceeded with by a departmental dredge.

On account of the necessity of providing only hard materials for filling purposes, dredging was done, during summer 1919, practically only in southern portion of basin, upon a length of 325 feet by a width of 200 feet with one cut of 250 feet long by 40 feet wide dredged outside of basin on its westerly side.

The proposed basin to be dredged to 22 feet L.W.S.T. is 1,000 feet long by 200 feet wide on westerly side of wharf, and 100 feet long by 445 feet wide on northerly side of wharf; the actual depth of water in said basin could be described as follows:—

In portion lying north of north face of wharf, the depth of water varies between 18.4 and 22.8 feet L.W.S.T. On west side of wharf, along face of the wharf 420 feet in southerly direction from northwest corner, depth varies between 18.2 and 22 feet of water L.W.S.T.; in corresponding portion of basin, depth varies between 16.8 and 22 feet of water L.W.S.T. upon the basin's width; along face of the wharf, upon 220 feet in length, in same above-mentioned direction, the depth varies between 13·7 and 18.8 feet of water L.W.S.T.; upon the following length of 280 feet, along face of the wharf depth varies between 16·0 and 13·7 feet of water L.W.S.T., and upon remaining 80 feet along face of wharf, depth varies from 6.7 to 16 feet of water L.W.S.T., and in corresponding portions of basin depth varies between 12·8 and 22·0 feet of water L.W.S.T.

P.W.D. dredge *No. 116* began work May 31; work was stopped on September 26 owing to dredge dipper being broken.

During the time the dredge was at work, 48,676 cubic yards of materials (scow measurement) were removed, most of which was hardpan clay of the hardest kind; out of this amount 46,043 cubic yards were rehandled by derricks travelling on wharf and dropped between new and old wharves, in order to fill up intervening space.

RIVER ST. LOUIS.

In December last, a contract was entered for the construction of two concrete abutments and the completion of the approaches leading to the Pont Gauvé bridge for the bulk sum of $1,900. In the same month the work was completed.

The abutments proper are 20 feet long, 4 feet 11¼ inches wide at base, 4½ feet wide at the level of the bridge seat and from that point to the top 2 feet wide. Those abutments have return wings 6 feet long, 2 feet 11¼ inches and 20½ inches wide at base, 2½ feet and 1½ feet wide at top. The abutments are 13 feet high, sloped 1 in 24 on the river side and vertical on the back side.

Some filling was made on back of both abutments to complete the approaches leading to the bridge; this filling is about 15 feet long and 20 feet wide with both sides protected by a hand-laid stone riprap at least 2 feet thick.

RIVER ST. MAURICE—EASTERN CHANNEL.

Dredging.

During the present fiscal year, dredging consisted in making a basin for launching vessels and of an extension thereto, for fitting out berth, to a depth of 12 and 13 feet below low water, with a channel of 4.300 feet long, 70 wide to a depth of 12 feet below low water. The total area dredged was 588,337 square feet, and the mean depth of cut was 4 feet.

Works were executed by departmental dredges and dredge *St. Pierre* of the Simpson Bros. Co., Ltd., of Montreal, which was working under contract dated September 3, 1919.

Dredge *P W.D. No. 123* removed 18,264 cubic yards, scow measure, and dredge *Q. and R No. 1* removed 21,072 cubic yards, scow measure. The two above-mentioned departmental dredges worked from below the bridge, Canadian Pacific Railway (Wayagamack), to deep water, into the St. Lawrence river. Dredge *St. Pierre,* of the Simpson Bros. Co., Ltd., worked in the basin, an extension thereto, in front of the Tidewater Shipbuilders Co., Ltd., plant, and removed 51,130 cubic yards, scow measure. The total quantity of material removed, scow measure, by the three above-mentioned dredges is 90,466 cubic yards.

Besides the above-mentioned quantities, 3,670 cubic yards of overcasting were removed in the extension of the basin by dredge *St. Pierre,* of the Simpson Bros. Co., Ltd. Therefore, the total quantity of material removed in the channel, basin and extension is 94,136 cubic yards of sand, gravel and clay.

The Dansereau's branch forms a part of the eastern channel, and is situated between the head of Wayagamack island and Sand island.

Works consisted in the dredging of a channel 400 feet long, 40 wide to a depth of 10 feet below low water. The quantity of material removed was 3,434 cubic yards, scow measure. The average depth of face removed was 7·7 feet.

The material excavated was fine alluvial sand.

This dredging was done by dredge *P.W.D. No. 123,* was commenced October 3 and discontinued on October 9, 1919.

RIVIÈRE DU LOUP (EN HAUT).

The different places where dredging was done may be summarized as follows:—

1. At the outlet of the river in lake St. Peter, the work has consisted in the dredging of a channel 1,800 feet long, i.e., between station 11,600 to 9,800 feet from the main channel, in lake St. Peter, 50 feet wide to a depth of 7 feet at low water. The average depth of face removed is 4.4 feet, and the total quantity of material removed is 14,420 cubic yards, scow measure.

2. A small basin was dredged in front of the wharf. The quantity of material removed was 1,540 cubic yards, scow measure, and 145 yards of castover, making a total quantity of 1,685 cubic yards.

3. During the performance of dredging at the wharf, the water went down, and the scow and tug ran aground at the head of the Tourville booms. Under these circumstances, we were obliged to open a cut so as to get out from this bad position. The quantity of material removed was 485 cubic yards of overcasting.

4. For the same reason, 550 cubic yards of castover were removed in front of the hay shed, which is situated between the Tourville mills and the Government wharf.

The dredging was done by dredge *St. Louis, No. 121.* Operations were commenced June 9, and discontinued on September 16, 1919.

ST. IGNACE DE LOYOLA.

The St. Ignace de Loyola (Nord) wharf, as built in 1905, immediately opposite the Parish church, consisted of a pile block 49 feet long, 33 wide, standing 16 feet high in 8 feet of water at low level.

In July last a contract was awarded for the reconstruction of the wharf, and consisted of (*a*) the removal of the old superstructure from the piles; (*b*) driving of additional piles; (*c*) cutting the front row of piles to ten inches below low water level and all the others to low water level; (*d*) rebuilding an open-faced sheathed cribwork, ballasted with stone on the pile foundation, 49.5 feet long by 17 feet, with two back extension, one of 8.4 feet by 13 feet the other 9 by 13 feet; (*e*) filling the approach with earth covered with 6 inches of broken stone; (*f*) building a stone riprap on both sides of approach. The work was completed in September and the amount awarded was the amount of the contract $3,768.25.

In October last, another contract was entered for the construction of a movable freight shed on the basis of actual cost plus 10 per cent. The work was completed in the following month.

ST. MICHEL.

In order to allow the coasting steamer to stop at St. Michel and to open the way to traffic, a temporary landing was constructed on a length of 850 feet.

The landing consisted in vertical posts placed every 12 feet, supporting the stringers and the flooring, 12 feet wide. The outer head of the wharf was covered with a temporary flooring upon its whole surface.

The work was done in the month of June.

During the very serious storm that occurred in the month of November, 1918, the superstructure of the wharf was carried away on a length of 843·5 feet by a mean height of 7 feet.

As it was expedient that the reconstruction be carried on with the least possible delay, a contract was entered into on July 28, 1919, on a unit price basis, for an approximate sum of $32,422.56.

The contractor started work by the beginning of August and the cribwork was torn down on a length of about 400 feet.

On November 30, the timber work was closed but the contractor continued to carry stone ballast to fill in the cribwork built, but which was not entirely filled at the close of the fiscal year.

The work will be continued next spring and it is expected that it will be completed by July 15.

The construction is a close-face stone-ballasted crib-work with four rows of vertical posts, distant 20 feet, to bind the new with the old work.

THREE RIVERS SHIPYARD, TROIS-RIVIÈRES.

The Three Rivers Shipyard Company's plant is situated in the harbour limits of Trois-Rivières, above the new coal dock.

Dredging was executed by departmental dredges *Quinlan & Robertson No. 1* and *P.W.D. No 123.*

The work consisted in the dredging of a basin in front of the shipyard plant, having a total area of 191,545 feet, to the depth of 17 feet and 12 feet below low water, the average depth of face removed being 8.04 feet. The total quantity of material removed in this basin was 60,094 cubic yards, scow measurement, of fine alluvial sand.

Dredging operations were commenced on August 1 and discontinued on October 4, 1919.

VERCHÈRES.

In April last a contract was entered into for the reconstruction from low water level of the Canada Steamship Lines' wharf, bought from the company in August, 1918, for the sum of $2,000.

This wharf as rebuilt consists of:—

(*a*) A stone filled crib headblock 60·2 feet long, including the icebreaker 32·7 by 10 feet, 32.7 feet wide for a length of 23.2 feet and 56.5 feet wide for the remaining length, standing 9 feet 9 inches high above the low water level. The crib structure below the low water level being in bad condition, the new structure was started in some places 12 inches, in others 33 inches below the datum or the low water level.

(*b*) A stone approach 378.5 feet long and 16 wide, with reinforced concrete walls on both sides. These walls are 12 inches thick at top and from 12 to 18 inches thick at the base, resting on a stone foundation 2 feet thick.

In some places, the concrete wall was built on the old crib structure of the approach, this old structure being in very good condition; on the west side, we had to provide a new crib foundation 2 by 5 feet on a length of 194.5 feet, the bottom being too soft.

The work was completed in October for the sum of $10,310.50.

To reinforce the new construction it was proposed during the summer to drive a certain number of piles all around the crib headblock. In November last a contract was entered into on the basis of actual cost plus 10 per cent to drive these piles. Eleven piles were driven on the front face of wharf, four at the upstream end, four at the downstream end; all those piles were perfectly bolted to the crib of the headblock and on the front face of the headblock, two rows of braces were bolted to the crib between the piles to act as fenders. This work was completed in December last for the total cost of $1,073.63.

ONTARIO.

COBOURG.

Work of repair under contract was renewed on April 7, was completed and final estimate given on August 21. The work consisted in the removal of the existing superstructure of Langevin pier for the length of the work, 650 feet and to one foot below datum and the rebuilding in British Columbia fir to six feet three inches above datum.

Work was commenced on repairs to storehouse on December 3, was completed on December 4 and consisted in the reconstruction of the east side of the storehouse and part of roof which had been damaged by fire.

Expenditure for the fiscal year was $15,250.28.

Dredging.

Owing to the action of waves and currents in the vicinity of Cobourg, a bar forms annually at the entrance to the harbour and as the presence of this bar interferes with the car ferries making the port in stormy weather, dredging operations have to be resorted to frequently. In addition to the shoaling at the entrance, it is necessary to keep dredged the section in the inner harbour and lying to the east of the car ferry dock. The limited space in this section of the inner harbour makes it necessary for the boats to have available as much area as possible for turning and manœuvring and the removal of material was confined to these two areas mentioned.

The area dredged over in the inner harbour is 115,636 square feet in extent and consists of an irregular section having a maximum length of 540 feet and a maximum width of 300 feet. This was dredged to a depth of 18 feet below zero or elevation 245, with the exception of eight small areas where rock was encountered and where a maximum draught of only 16.5 feet below zero was obtainable.

The material removed was largely sand and sedimentary deposit; the scow measurement returns for this section indicated the removal of 15,512.91 cubic yards.

The deepening of these two areas at the extreme end of the inner harbour and the outer entrance channel, served to remove the only shoal sections of the navigable channel between the lake and the Car Ferry Company's wharf.

The work above outlined authorized a quantity of 57,000 cubic yards, scow measurement, at the rate of 27 cents per cubic yard, but the action of the elements served to remove the large shoal area at the outer entrance to the harbour and the contractors were satisfied to have the estimated yardage mentioned on their contract correspondingly reduced.

Dredging was commenced August 5 and was suspended October 11, 1919.

CONNAUGHT STATION.

The proposed pilework wharf to be built on the Frederickhouse river consists of an approach of 174 feet long by 20 wide, a landing-head 96 by 32 feet and a freight-shed 16 by 24 feet constructed on a separate pilework substructure. A depth of 6 feet at L.W.L. is provided at landing face, and structure will be built to a height of 5 feet above this level.

All the materials were ordered with a view to construction by day-labour, and a large proportion delivered.

Owing to poor condition of the ice during the winter, it was found impossible to take advantage of same for economic construction, and work was postponed until the summer.

Expenditure during the fiscal year was $1,567.06.

DEPOT HARBOUR.

A contract was awarded at unit prices amounting to approximately $32,845 on October 3 for the reconstruction in concrete of the north and south faces and west end of wharf, the work commencing at westerly end of wharf and extending easterly 525 feet and to consist in the removal of present timber superstructure for a width of 6 feet back from face of work and to a depth of 7.5 feet and the reconstruction of superstructure in concrete

Work was commenced October 21 and is still under way. The amount of work accomplished so far consists in tearing down of superstructure on north side for a length of 525 feet with a width of 9 feet and a depth of 4 feet and on the south side for a length of 525 feet with a width of 9 feet and a depth of 3.5 feet. No new construction work has as yet been placed in position.

Expenditure for fiscal year was $3,117.14.

FORT WILLIAM.

Extent of harbour:—

13.02 miles of navigable channels, varying in depth from 19.4 feet to 28.0 feet and in width from 175 to 600 feet excepting in the channels through bridges and in turning basins.

Total area of present harbour, 811.5 acres, which includes an area of 148.8 acres in the entrance channels in Thunder bay.

Total area removed by dredging, 360.2 acres.

Harbour frontage available for dockage, exclusive of frontage in Thunder bay, 22.45 miles, of which the frontage already built up with wharves and retaining walls is 7.72 miles.

On June 18, 1919, a contract was awarded for the construction of a breakwater consisting of 10 stone filled cribs, of 122.5 feet each in length, on a pile foundation, with a concrete superstructure, the whole of the structure being riprapped on both sides.

Work was commenced July 7, 1919, and carried on until a few days after the close of navigation last fall. Operations will be resumed at the beginning of May so as to be completed on or before September 1, 1920.

This contract also includes the removal of concrete wall and blocks remaining on crib No. 107, and the raising of this crib in timber to the required elevation and the placing thereon of the concrete superstructure.

So far, under this contract, the contractors have driven all the piling, viz.—1,525 piles, but these could not be cut off to proper elevation last fall on account of the unusually cold weather setting in earlier than anticipated. A crib trench 1,275 feet long, 25 feet wide at 28½ feet below L.W.L., was also dredged and filled with gravel and sand previous to driving the piles.

Three hundred and fifty concrete blocks were made in September and October.

Eight cribs out of ten, were partly built last fall; these cribs are now in the water and can be completed more rapidly than they can be sunk in place and filled.

Dredging.

On August 27, 1919, authority was received for the continuation of the work of dredging in the Kaministikwia and Mission rivers, in Fort William harbour, under departmental contract with the Great Lakes Dredging Co., Limited, of Port Arthur, Ont.

The total estimated quantity authorized for removal during the season was 180,994 cubic yards, scow measure, class "B" material.

Synopsis of quantities removed by dredging under above contract, with the respective locations of areas dredged:—

West Fort turning basin	36,294	c.y.s.m.	deepening.
In front of Plymouth Cordage Co.'s dock	3,398	"	"	"
Kaministikwia river entrance	9,625	"	"	"
Turning basin at junction of Kaministikwia and Mission rivers	6,336	"	"	"
	94,191	"	"	widening.
Total	149,844	c.y.s.m.—Class "B" material.		

All dredging was performed by dredge *No. 6.*

A derrick scow was also used and a diver employed for a short time, in connection with the removal of a few rock points which projected above grade in the Mission river opposite the Fort William Coal Dock Company's hard coal sheds, and 57 cubic yards of class "A" material removed.

Dredging operations were commenced September 9, and were closed for the season November 15, 1919.

All dredging was to a depth of 25 feet below low water level; material removed was mostly sand and clay excepting in the Mission river.

The following unit prices obtained in the above contract, viz:—

Widening.—Rock, $2.40 per cubic yard, scow measure. All other materials, 10¼ cents per cubic yard, scow measure.

Deepening.—Rock $2.85 per cubic yard, scow measure. All other materials, 22½ cents per cubic yard.

Extra Haul.—1 cent per cubic yard, scow measure, per mile, over 3½ miles.

The total expenditure for 1919-20 was $26,587.45.

GODERICH.

Work of repair by day labour was commenced June 17, was completed March 15, and consisted in the construction of a concrete face wall back of present timber face work, so constructed to hold crib filling and act as face of work when existing timber work has decayed. This concrete face work is 1.5 feet in width on top and 2 feet in width on the bottom and is 6.0 feet in height and is anchored back every 10 feet to concrete blocks 1.5 by 2.0 feet placed 12 feet back from face line. The total length of work constructed was 570 lineal feet, made up of two sections as follows: (1) 375 feet extending westerly from section built in 1918, and (2) 195 feet extending easterly from the 250-foot section built in 1918.

Expenditure for fiscal year was $2,376.74.

JEANNETTE'S CREEK.

The work done was to provide sufficient water for present boats.

The length of work dredged was 2,503 feet; bottom width, 25 feet; general depth, 5·7 feet below L.W.L.; minimum depth, 5 feet below L.W.L.. Elevation of L.W.L. or zero of the gauge 573·9 feet above M.T.N.Y.

The whole work was completed. The materials removed were marsh mud and clay. The work was performed under contract between September 3 and 16 last, the quantity dredged being 10,432 cubic yards, place measurement, at 20 cents per cubic yard, $2,086.40. All material was overcast.

KINCARDINE.

Dredging.

Shoal areas having developed in the entrance to the harbour, between the channel piers and in the inner basin, it was decided to undertake dredging operations in order to provide a clear channel of 14 feet draught below zero of gauge or elevation 580 above mean sea-level New York.

Between the piers a 50-foot channel approximately 940 feet in length was provided, while in the inner basin an irregular area 350 feet long varying in width from 50 feet to 200 feet was dredged over. The total area comprised 97,306 square feet and the material removed consisted of sand, river deposit and some stumps and débris that was carried down by the spring freshet in the river.

The total quantity dredged was 16,220·9 cubic yards, place measurement, the scow measurement quantity being 17,898 cubic yards, giving an expansion factor of 10·3 per cent.

The entire improvement was carried out by contract at 60 cents per cubic yard, scow measurement. Work was commenced with the dredge *Kingsford* August 18 and completed September 17, 1919.

POINT EDWARD.

Under date of February 24, 1919, an agreement was made with the Chick Contracting Company, Limited, of Windsor, Ont., in which this company undertook to maintain a depth of 21 feet of water opposite the wharves at Point Edward, and all other areas where shoals form in Canadian waters in that part of the St. Clair river extending from a point at the Grand Trunk tunnel, Sarnia, to a point opposite the north side of Michigan avenue, Point Edward; and this company in return was given permission to utilize the materials dredged over the whole of said area for their own purpose, subject to a condition imposed upon them to furnish sand and gravel required for public purposes by municipalities, the local Government of Ontario and citizens for public purposes at certain points named in the agreement.

In addition, the Chick Contracting Company were authorized under their license No. 53 with the province of Ontario to dredge sand and gravel in the above-mentioned area, and the total quantity removed by them under the provincial and Dominion permits from above the tunnel was 129,080 cubic yards, of which 8,470 cubic yards was delivered for public purposes to points named in the agreement. The quantity delivered for private purposes in Canada by this company was 17,285 cubic yards, while the quantity exported was 103,325 cubic yards.

Provincial licenses were also issued to the Cadwell Dredging Company, Windsor, Ont.; the Michigan Builders' Supply Company, Detroit; and the Superior Sand and Gravel Company, Detroit, the first-named company being required to deliver materials for public purposes, as required in the Chick Contracting Company permits. The total quantities removed from above the tunnel by these companies during the past season were as follows:—

Cadwell Dredging Company—39,941 cubic yards, of which 2,501 cubic yards were delivered for public purposes.

Michigan Builders' Supply Company—1,899 cubic yards, all exported.

Superior Sand and Gravel Company—2,400 cubic yards, all exported.

An additional license for dredging between the tunnel at Sarnia and Stag island was granted to the United Fuel and Supply Company of Detroit, who removed 146,035 cubic yards, of which quantity 17,940 cubic yards were delivered to Canadian points and 128,095 were exported to United States points.

A quantity of 21,200 cubic yards was dredged by the Cadwell Dredging Company from the area below the tunnel and delivered to Canadian points.

In addition to the quantity of 8,470 cubic yards delivered by the Chick Contracting Company, Limited, for public purposes on orders from municipalities, townships, etc., a further quantity of 12,409 cubic yards was removed from the area below the tunnel as forming part of the quantity removed by the United Fuel and Supply Company, which was likewise delivered for public purposes under the former company's agreement with this department.

Dredging operations commenced on April 9 and were closed down for the season on December 15 last.

PORT ARTHUR.

Repairs to temporary pile protection breakwaters.

(This work is described in the annual report 1917-18.)

In December, 1918, 350 lineal feet on the south end of the north section of this work was destroyed by storms. Contract dated July 3, 1918, was let for the repairing and replacing of this damaged section. The time set for completion was July 20, 1919, which was afterwards extended for one month. Work was commenced July 7 and completed September 3, 1919, 259 lineal feet at the south end being renewed. At the same time, the extreme north end of the south section was strengthened by cluster piles.

A very severe storm in the early part of November, 1919, practically destroyed 75 feet of the section recently renewed, and damaged considerably a further 165 feet. This occurrence was reported with recommendation that no further efforts to repair be made as the foundation in this particular place is not adapted to that type of construction.

Total expenditure for fiscal year 1919-20 is $46,469.11.

BARE POINT.

A contract dated July 26, 1919, for the construction of an extension to the breakwater at Bare Point was let, and calls for the construction of 1,600 lineal feet of rubble mound breakwater very similar to the section already built, and involves the placing of approximately 475,000 tons of rock at a unit price of $1.44 per ton for stone as specified.

Actual construction work was carried out by means of scows, etc., until December 9, 1919, when this work had to be discontinued on account of weather conditions. During this period, a quantity of 21,127 tons of rock were placed in the breakwater.

During December, 1919, and January, 1920, work was continued at the quarry, blasting rock in preparation for further work.

During January, 1920, a track was laid on the ice from the quarry to the end of the old Bare Point breakwater and a trestle driven so that work could be continued through the winter season. The average haul from the quarry to the work was approximately seven-eighths of a mile.

On January 27 actual construction work was resumed and carried on until March 26, when weather conditions again compelled it to be discontinued. During this period 48,182 tons of rock were placed.

Total expenditure for fiscal year 1919-20 is $116,096.21.

Dredging.

Contract with W. E. Phin, dated July 12, 1913, was further extended and the following work done.

(*a*) *Basin Entrance* in front of Richardson, Saskatchewan, Co-operative and Grain Growers' Elevators.

This entrance, commenced in 1916, and comprising a rectangular area approximately 1,100 by 1,300 feet was completed to a depth of 25 feet. This basin extends from 200 feet east of the harbour line to the 25-foot contour. Quantity removed, 162,134 c.y.s.m., sand and clay, Class "B."

(*b*) *Slip at Richardson Elevator.*—This slip, commenced in 1917, was completed, Length 1,300 feet, width 150 feet, depth 25 feet for east 600 feet and 22 feet for remainder.

Quantity removed—13,305½ c.y.s.m., sand and clay, Class "B."
2,338½ c.y.s.m., solid rock, Class "A."

(*c*) *King's Channel.*—A section 1,400 feet long and 120 feet wide was removed from the east side of King's channel, commencing at the south end. Depth made, 25 feet, Quantity removed, 91,197 c.y.s.m., sand and clay, Class "B."

(*d*) *Canadian National Railway Elevator-Slip "A."*—An area at the inner end of the slip 410 feet long and 100 feet wide was redredged. A governing depth from 21 feet at the inner end to 25 feet at the outer end was left. Material removed, 7,320 c.y.s.m., Class "B."

(*e*) *Canadian National Railway Elevator-Slip "B."*—The inner end of the slip was extended for a length of 150 feet. Depth made, 15 feet. Width, 60 feet. Quantity removed: 4,988 c.y.s.m., clay and sand, Class "B," and 1,751 c.y.s.m., same material, castover.

This work was done to provide facilities for barges bringing in material for the reconstruction of the elevator which had been damaged by fire and was recommended as it would form part of a slip extension necessitated by the new work.

(*f*) *Thunder Bay Elevator-Slip.*—This slip, 1,250 feet long and 150 feet wide, was redredged, leaving a governing depth of 21 feet instead of 17 feet as formerly. Material, loose flowing sand. Quantity removed, 34,136 c.y.s.m. Summary:—

Quantity removed—Class "A"	2,338½	c.y.s.m.
Class "B"	313,080½	c.y.s.m.
Castover	1,751	c.y.
Total	317,170	c.y.

All the above dredging was in the interests of navigation generally.
All depths referred to zero of Public Works, Canada, gauge—601·80 M.S.L.
Unit prices—Class "A"—$2.00 per c.y.s.m.
Class "B."— 0.13 per c.y.s.m.
One dredge, the *Excelsior* was employed, commencing May 1 and laying up for the season on November 26, 1919.
Total expenditure for the fiscal year 1920 is $46,469.11.

PORT BURWELL.

Repairs were made to the southeastern corner of the west pier.
The top course of face-timber, about 52 lineal feet on the south end of the west pier, was renewed; 50 to 60 pieces decking 3 by 10-inch by 16 feet replaced, and the southeastern corner sheeted for a length of 16 feet with 4-inch plank 8 feet long. The sheeting was secured with two iron straps 72 by 3 inches.
No work was done on repairing the wall between the west pier and the breakwater.
Expenditure for fiscal year 1919-20:—

Contract, F. E. Tifft (to complete)	$1,696 48
Day labour	2,313 08
Total expenditure	$4,009 56

Dredging was performed in the outer entrance to the harbour, east of the breakwater, between the entrance piers, in the turning basin at the ferry slip the work was performed between April 14 and June 21 by departmental dredge *No. 117*. The dredging was done to a depth of 21 to 22 feet below the zero of the gauge, which is at elevation 571.80 above M.T.N.Y. The quantity of materials removed was 79.128 cubic yards, scow measure, of silt, clay and sand.

PORT COLBORNE.

Work was commenced under contract August 1, closed down for the season November 17, and consisted in completing repairs to centre break in eastern breakwater and almost all of the 690 foot break in the west breakwater was completed. Owing to ice conditions, contractors have been unable to resume work up to the end of fiscal year.
Expenditure for fiscal year was $25,227.

RIVER THAMES.

Snags were removed from the bed of the river between Third and Fifth avenue bridges at Chatham, and at some 23 points above Chatham, also between Chatham and the river mouth.

The work performed consisted in the removal of about 152 pieces of snags and obstructions between the bridges at Chatham and 162 pieces in the section of the river above Chatham.

The work of removing snags between Chatham and the mouth was performed by day labour, and it is estimated that about 700 pieces of snags and other obstructions were removed from the river.

Wharfs.

The two wharfs at the mouth of the river were repaired at a cost of $827.07.

SAULT STE. MARIE.

Dredging.

The object of this work was to clean all loose rock and boulders to a depth of 21.5 feet below a datum level of 582.37 feet above mean sea level over an area which extends from the international boundary northerly to a line following the outer ends of the wharves, from the westerly side of the Algoma Central Railway Company's coal wharf easterly to the Government wharf, thence easterly in line with the face of the Government wharf to a point opposite Woodward avenue, thence southeasterly to the west end of the Bay Field Shoal rock pile. This area is approximately 6,600 feet long by an average width of 750 feet, including that portion of the ship channel which is under the jurisdiction of the Railways and Canals Department, but which also was covered by the sweeping. One boulder was removed from within the ship channel opposite the New Ontario dock.

Five spots still remain above grade. When these spots were located and three of them found to be ledge rock and all of them approximately in line near the line of the wharves and parallel thereto, they were passed over for the time being, as it was considered a wiser policy to make sure of cleaning the outlying area. These spots are only six inches above grade and are a much less danger to navigation than a great majority of the obstructions removed.

The material removed and scowed away consisted of 963 cubic yards, scow measurement, of loose rock and boulders, but this quantity in itself is not indicative of the labour involved. For the performance of this work a contract for hire of plant was entered into, dated August 15, 1919, with the Soo Dredging and Construction Company, Limited, at the rate of $125 per day, of ten hours for full time, but including conditions for deductions in case of lost time, due to stress of weather or breakages.

The operations covered a period of ninety-seven days, from July 29 to November 21, 1919, for which the contractor was paid the sum of $11,775.

TORONTO.

Work was commenced on repairs to the Government wharf and boat-house which had been damaged by fire, October 1, was completed on October 20, and consisted in the reconstruction of the damaged sections of buildings at the eastern channel.

Plans were prepared and a contract was awarded for the reconstruction in concrete of 400 lineal feet of the east pier at the eastern channel.

Work was commenced September 2, was closed down for the season December 17, and up to the end of the fiscal year had not been resumed. Up to date, most of the contract work has been completed. The work consisted in the tearing down of the old timber superstructure to a point one foot below zero level of lake, for a length of 400 lineal feet and a width of 2 feet and the rebuilding of this section of superstructure in concrete.

Work was commenced on repairs to life chains October 21, was completed November 18, and consisted in refastening the life chains which had become detached.

Expenditure for fiscal year was $24,622.27.

Western Entrance.

Dredging.—The harbour has two entrances to the lake; one at the east end of the harbour and the other at the west end. These two entrances accommodate all the water-borne traffic in and out of Toronto and while the Eastern entrance is the one most used, the Western entrance carries a great deal of traffic on account of its affording a shorter route between Toronto and Hamilton, in addition to other points on lake Ontario lying west of Toronto.

The western channel was constructed in 1912 with a governing depth of 18 feet below elevation 245·0 or zero of Toronto Harbour Commissioner's gauge, It is 400 feet wide by 2,400 feet in length and has not been dredged since it was built until the present year. Shoaling occurred in the channel proper as well as in the lake approach thereto and it was with the object of making this entrance safe and navigable that work was undertaken during the season 1919-20.

A total area of 283,600 square feet was dredged over, commencing at the eastern end of the channel opposite the end of the piers and at a point measured 190 feet south from the north side of the channel. The dredge cuts were excavated parallel to the piers and worked westerly and southerly towards the lake.

The first 1,130 feet was dredged to a width of 160 feet; the next 400 feet was dredged to a width of 80 feet and the remainder or a length of 1,370 feet was taken out to a width of 40 feet, the entire area being carried to a depth of 18 feet below elevation 245.0 or zero of Toronto Harbour Commissioner's gauge.

The total quantity of material removed was 26,252 cubic yards, place measurement, while the scow measurement was 31,110 cubic yards.

The departmental dredge *No. 117* was employed from October 18 until November 25, 1919.

Eastern Entrance.

Dredging.—At the lake entrance a bell-mouthed section was dredged over, extending in a southerly direction from the ends of the piers. This section is 720 feet in length varying in width from 200 feet at the pier ends to 420 feet at the outside and was taken down to a depth of 22 feet below zero of gauge or elevation 245.0 above mean sea-level, New York. The total material involved was 46,053·4 cubic yards, place measurement.

Between the piers a channel 200 feet in width and 2,130 feet in length was dredged in a northerly direction from the south end of the piers, the channel being located in the centre of the 400 feet waterway forming the entrance to the harbour. This section was taken down to a depth of 18 feet below zero of gauge and the total material removed was 41,902·4 cubic yards, place measurement. The material removed consisted of fine lake sand with a slight trace of clay.

Scow measurement quantities show that 113,340 cubic yards of material was removed, which when compared with the results by cross-sectioning gives an expansion factor of 29.08 per cent.

MANITOBA.

GIMLI.

The object of the work was the maintaining of the approach to and berth beside the departmental wharf and the providing of a turning basin at the inner end of the wharf.

The work accomplished is of an irregular shape, but has an era of 191,690 square feet, and the average depth of face removed was 5.3 feet.

The material removed consisted of clay, boulders and sand, and amounted to 17,863 cubic yards, scow measurement.

P.W.D. dredge *No. 205* was employed from May 29 to July 24, or a possible time of 485 hours.

The cost of the work was $4,536.93, giving a cost per cubic foot of 25.4 cents.

GOOSE RIVER AND RAT CREEK.

Owing to the opening up of the new mineral belt in northern Manitoba and Saskatchewan, hundreds of prospectors, mining men, engineers, etc., are using the route from The Pas, which is the national outlet for that country, the Saskatchewan river and a chain of lakes which connect the above river with the country which is now developing into a most important mining centre. Two of these lakes are separated by Goose and Rat rivers which are small, shallow and rapid.

Goose river flows from Goose lake into the Sturgeon river about three miles from its mouth. The river is 12 miles in length, broken by numerous rapids with large boulders in the channel. Rat river flows from Lake Athapauskow into Goose lake. The river is six miles in length and is almost all rapid.

Work of improvement was begun August 12 and closed September 30. In all, twelve rapids and intervening reaches of the river were cleared of rock, boulders and shallows, by blasting and hand work.

Expenditure for the fiscal year was $3,842.48.

LE PAS.

A contract for the construction of a wharf at The Pas, Nelson county, dated November 1, 1919, was awarded for the sum of $7,511.15. Owing to the late date at which the contract was awarded and the early arrival of winter, no work could be done. The date of completion of the work was April 20, 1920 but was extended to July 20, on application by the contractors.

During the winter, round tamarac piling and tongued and grooved sheet piling were assembled by the contractors at the site of the work.

LITTLE PEMBINE RIVER.

Diversion into Pelican Lake.

This work was designed to raise Pelican lake to a higher level for the benefit of the Government sanitorium at Ninette, as the water in the lake was becoming stagnant. The work to be done consisted of a canal approximately 4,700 feet long to divert a part of the water from the Pembine river into Pelican lake, with a stop log dam at the river and two pile bridges at road allowances.

The contract was let June 23, 1919, and the contractors had most of the equipment on the ground by July 21. Excavation was done with a Bucyrus drag line. Excavation work was commenced July 22 and finished September 25, 1919. No difficulty was experienced in moving the material as it consisted mostly of a sandy loam with a loose shale and sand as a subsoil. The average amount taken out of the cut and placed on the embankment was about 600 cubic yards per day of ten hours. The width of the canal in the bottom was 12 feet with a finished slope of 1½ to 1, and the depth varied from two feet at the lake to a gradually increasing depth of 12 feet at the river.

Pile driving at the dam was commenced August 8 and the whole work completed with stop log machinery in place on October 18, 1919.

Extra work was ordered in widening the two pile bridges from 12 feet to 20 feet. This work was carried on under very severe weather conditions and was completed in the month of December.

The expenditure on this work was $20,489.95.

RED RIVER—CLOSING CHANNEL.

Netley Cut.

Netley Cut was dredged from the Red river into Netley lake. A heavy current set up in this channel resulting in the formation of a bar in the Red river detrimental to navigation in that river. The current also thinned the ice of the Red river at a point which formed part of a winter road. The first winter after the completion of the cut, two people were drowned when their horses and sleighs went through the ice.

It was deemed advisable to close this cut. The method pursued was that of building a sheet pile wall across the cut and dumping earth on both sides of the wall by means of a dredge.

As the narowing up of the channel proceeded, the work became difficult owing to the excessive current set up. The channel was, however, closed at an expenditure of $853.

The entire work was done with P.W.D. dredge *No. 201,* which dredge is equipped with a pile driver.

New Channel.

The new channel at the mouth of the Red river is an artificial channel having a protection work on each side, of sheet piling. The spring flood in the Red river running through this channel is checked in reaching the still water of lake Winnipeg, and deposits a large amount of silt. This silt has to be removed to permit navigation.

The dimensions of the work were 2,955 feet by 130 feet with an average cut of 2·9 feet. The cut commences at the outer end of the protection work and extends therefrom out into lake Winnipeg.

The material removed, consisting of river silt, amounted to 41,466 cubic yards and was all cast over.

P.W.D. dredge *No. 201* was employed from June 6 to August 16 and from September 15 to September 29, or a possible dredging time of 745½ hours.

The cost of the work was $11,950.94, giving a cost per cubic yard of 28·2 cents.

SELKIRK SLOUGH.

The object of this work was to deepen the entrance to and the harbour within the Selkirk slough.

The total length of all the cuts was 3,512 feet by 40 feet wide, with an average cut of 4·7 feet. The work is divided between two places, one at the entrance of the slough and the other at the departmental shipyard. The portion of the slough between these two points also requires dredging and it is anticipated that this will be completed during the season of 1920.

The material removed, consisting of soft mud, amounted to 24,878 cubic yards, scow measurement.

The cost of the work was $5,850.51, giving a cost per cubic yard of 23·5 cents.

P.W.D. dredge *No. 205* was employed from July 25 to August 20 and from September 3 to September 30, giving a possible time of 477 hours.

Wharf.

The object of this work was to deepen the berth beside the south end of the Selkirk wharf.

The dimensions of the work were 450 feet long by 40 feet wide, with an average cut of 2·8 feet.

The material removed, consisting of soft mud and clay, amounted to 3,749 cubic yards, scow measurement.

P.W.D. dredge No. *205* was employed from August 21 to September 2, or a possible time of 103 hours.

The cost of this work was $1,128.18 giving a cost per cubic yard of 30·0 cents.

WINNIPEGOSIS.

The object of the work was to maintain the channel from the Mossy river out to deep water in lake Winnipegosis.

A small cut of 192 feet by 25 feet, with an average cut of 2·2 feet was dug.

The material removed, consisting of river silt, amounted to 395 cubic yards, scow measurement.

P.W.D. dredge *No. 210* was employed from June 21 to June 30, the date at which the plant was shut down.

The cost of the work was $3,410.99, giving a cost per cubic yard of 863·5 cents.

SASKATCHEWAN.

CUMBERLAND LAKE.

With the discovery and development of the vast mineral deposits in the northern parts of Manitoba and Saskatchewan it was found necessary to secure a means of getting the ore to the terminus of the railway at The Pas. A water route by way of Sturgeon lake, Cumberland lake, the Big Stone and Saskatchewan rivers was possible. It was not available, however, as Cumberland lake, since the advent of the waters of the Saskatchewan at its westerly end had become a settling basin for the silt of this river and the water being shallow no boats could cross the bar at the head of the Big Stone river. It was necessary, therefore, to resort to dredging.

Dredging was commenced in the year 1914 and continued in 1915. A total of 35,096 cubic yards, place measurement, was removed. Owing to the war no further work was done until the summer of 1918, when 27,350 cubic yards was removed. During the past season, additional dredging was done and the channel carried to deep water. This completes the work at this point, in so far as it is economical to do so, and the dredging plant is required on more pressing work.

The work of the past season consisted of redredging 2,080 feet of the channel 25 feet wide and 650 feet 50 feet wide. New dredging consisted of a cut 900 feet long and 50 feet wide. The depth of face removed averaged 3·8 feet. A channel 50 feet wide and 6,750 feet long being now available.

The material dredged, consisting of soft and hard clay and boulders, was all cast over, and amounted to 18,269 cubic yards.

P.W.D. dredge *No. 208* was employed from June 17 to September 24, or a possible dredging time of 940 hours.

The cost of this work was $6,377.48, giving a cost per cubic yard of 34·9 cents.

The channel will gradually fill up, due to the washing down of the spoil banks and the general silting up of Cumberland lake. It was found, however, by a survey, made in January, 1920, that the channel maintains itself, as there is considerable current, the rest of the surrounding lake being frozen to the bottom.

BRITISH COLUMBIA.

ALICE ARM.

During the fiscal year a float was constructed measuring 40 by 20 feet with a float approach 240 feet long by 6 feet wide. The float is held in position by guide piles at the four corners.

Work was built by day labour at a cost of $2,505.25.

Some additional pile bracing is required, which will be done during the coming fiscal year.

BARNSTON ISLAND.

The sum of $589.63 was expended on the construction of an addition to the present wharf, in the form of an inclined slip to enable boats to land supplies at any stage of water. This slip is 40 feet long and 10 wide. Repairs were also made to the approach, several bearing piles being replaced. The work was done by the *Samson* during the period September 24-October 10, 1919.

COAL HARBOUR.

During the fiscal year a float 26 by 70 feet, a shed 12 by 16 feet and an approach 267 by 6 feet were built by day labour. Work was commenced in December, 1919, and was completed in February, 1920, at a cost of $1,755.93. The cost of the work was considerably reduced by the donation of the required logs by the Whalen Pulp and Paper Mills.

COTTONWOOD DAM.

Burton.

To assist in training the water of the Columbia river through the new channel dredged opposite Cottonwood point, and to prevent much flow through the old channel at the low water stage, it was considered advisable to construct a low water dam across the old channel from Cottonwood point to the bar through which the new channel has been established. This dam will also insure sufficient water in the new channel for navigation during the low water season, and will prevent a dividing of the water into two channels, which would cause heavy material in transit down the river to be deposited at and near the point of separation, with a resultant silting up of both channels. It will also serve the purpose of forming a basin of comparatively still water in the old channel below the dam, which will serve as a settling basin in which the material carried down the river and over the dam will deposit, thus blocking the old channel permanently, and assisting in the maintenance of the new channel as well as preventing this material from being carried down and deposited below the junction of the old and new channels.

The dam, as being constructed, is composed of a mat of brush fascines, 14 to 20 feet in length, laid longitudinally with the stream and connected by No. 9 galvanized wire. This mat is held in position on the river bed by heavy rock. Total length of dam when completed to be 430 feet.

Construction was still in progress on March 31, 1920, up to which time a length of 300 feet had been built. The material placed amounted to 300 cubic yards of rock and 500 bundles of brush at a cost of $2,815.41.

COTTONWOOD POINT.

Dredging.

Due to the impossibility of maintaining permanently the old channel at the lower end of the Columbia river narrows in a navigable condition it was considered advisable to create an entirely new and distinct channel from opposite Cottonwood point through a heavy sand and gravel bar to the head of the Lower Arrow lake, and dredge *No. 311* was placed in commission for the work. Dredging operations were commenced November 15, 1919, and were still in progress on March 31, 1920. During this period, 33,476 cubic yards of material were handled chiefly sand and gravel, with a percentage

of small boulders. Of this material 24,376 yards were overcast once and 9,100 yards handled the second time. A channel of 850 feet in length and of an average width of 125 feet, giving a minimum depth of 8 feet of water at low water has been established at a cost of $12,733.89.

EGMONT.

The amount of $1,375.74 was expended on the construceion of a new float 36 by 42 feet of 12 cedar logs, ten 4 by 12-inch cross-ties, and 2 by 12 planking, with 6 by 6 guard rail all round, and shed 12 by 16 feet. This float is held in place by being anchored to a string of boom sticks stretching from shore to shore, where it is fastened with eyebolts to the rocks. Ten boomsticks and twenty-six boom chains were used for this anchorage. The approach is of the same construction, 160 feet long, by 6 feet wide.

This work was done during the period December 4, 1919, to January 22, 1920.

ESQUIMALT NAVAL DOCKYARD.

Reconstruction.

The old dockyard wharf being beyond repair, plans and specifications were prepared for a much larger wharf extended to give a depth of 33 feet at low water at its face. A concrete pile structure was decided on and the contract for the work was placed at unit prices. Construction was commenced during April 1919, and the work was completed in November. The completed work consists of an irregular shaped wharf having a frontage of 204 feet 8 inches, approach 190 by 32 feet, warehouse 71 by 35 feet 2 inches, new deposit shed 34 feet 6 inches by 24 feet 8 inches, the removal and reconstruction of open shed from old wharf, float 63 by 9 feet, with gangway 38 by 4, also two dolphins in the easterly and westerly productions of the face of the wharf.

Amount paid contractors was $52,660.27; inspector's salary $816; and inspection of creosoted piling and lumber $302.16; making a total of $53,778.43.

FRASER RIVER.

Oilery Slough.

The object of this work was to provide a channel of sufficient depth to allow boats to approach and be alongside the Canada Fish Products Company's wharf at all stages of the tide.

The work done consists of a channel 111 feet average width and 790 feet long, running from the deep water along the east shore of the slough towards the north end of the company's wharf. The cut in front of the wharf is 355 feet long and extends to deep water south of the company's wharf, thus making an excellent channel from the main channel on the north to the Ladner channel on the south. The dredging gives a depth of 7 feet at low water, which is 3 feet above Sandheads zero.

The material removed consisted of mud and sand and was pumped along the shore below the wharf. The work was performed during the period March 4 to March 10, 1920, by the dredge *King Edward,* the total quantity removed amounting to 15,140 cubic yards, place measurement, including side slopes and subgrade.

As the dredging removed the bar situated between deep water on the east to deep water on the west shore of the slough, thus giving a clear channel for the flow of water, it is expected that no dredging will be required here for several years. The last dredging done here was during July, 1909, when the *King Edward* removed 3,950 yards.

Removal of Snags in Upper River.

This work was started on May 1, and closed down on July 31. This period covered the time that the Fraser river was in flood, but the crest of the flood was one foot lower than the average of the floods for the last 26 years.

The principal work was done between Chilliwack and Popcum, and 2,181 snags and trees were cut up and removed from the channel by allowing them to float away, and being in small lengths are not liable to catch up and form jams. Some of these snags were cut up in the existing jams, and when loosened with powder floated away. The work done in some of the log jams was not apparent this year, as the water was rather lower than usual, and did not float the snags away, but should a higher water occur this year they will probably go out.

The expenditure was $3,214.92.

Fraser Mills.

The object of this work was to provide sufficient depth of water alongside the loading wharf of the Canadian Western Lumber Company's wharf to allow the berthing of large vessels loading lumber.

The dredging consists of two cuts, 460 feet and 440 feet long, to a depth of 30 feet and 25 at L. W., respectively, with a width of 150 feet, immediately in front of the loading wharf on the north side of the deep channel on that side of the river.

The material was gravel, silt and clay, with much refuse in the form of steel cables, etc., which caused constant delays clearing the cutter. This material was deposited on shore behind the wharf.

The total quantity dredged was 23,176 cubic yards, place measurement, allowing for side slopes of 2 in 1 and subgrade.

The dredging was performed by the dredge *King Edward* during the periods April 3 to 17, and June 4 to 14, 1919.

North Arm.

This section extends from Marpole to New Westminster. The intention is to obtain a channel 150 feet wide, and 10 deep at low water. The work below Marpole is being done by contract with the Pacific Constructioon Company, and is described under another heading.

The work here described is being done by the departmental dredge *King Edward* and consists of a channel through the shoal parts of the river 150 feet wide and 10 deep. The total length of this channel will be about 25,000 feet or 4·7 miles. The dredge *King Edward* commenced work March 9, 1920, on Cut No. 1, towards the west end of Twigs island, working west and continued operations until March 21, when a total yardage of 41,494, place measurement, had been removed. This work covered a channel 970 feet long, 150 wide, to 10 feet at low water. The materials consisted of sand and silt, and were pumped on the west end of Twigs island.

This work is being continued by the *King Edward* during the fiscal year 1920-21.

North Arm.

This dredging forms part of a scheme to obtain, from the gulf of Georgia to New Westminster, a channel of sufficient depth to allow of its use at all stages of the tide by tugs towing logs. Formerly, tugs were able to run only during the higher stages of the tide, tying up alongside the banks during low water, and thus causing great delays in the delivery of logs to the mills.

The section under this heading includes the dredging of a channel 150 feet wide, with a length of 18,000 feet or 3·4 miles, extending from deep water at Marpole to Mile 15 from New Westminster, where it meets the 300 foot wide channel dredged along the North Arm jetty completed in December, 1916. The depth is 10 feet at low water.

The contract was let to the Pacific Construction Company and work was commenced September 4, 1919, by the suction dredge *Robson* while the suction dredge

Portland started somewhat later. The total amount of the contract was $145,000 involving the removal of some 950,000 cubic yards, the unit price being 15½ cents per cubic yard. Dredging was continued until March 8, when the authorized expenditure was reached and 940,777 cubic yards had been removed at a cost of $145,820.44. This includes side slopes of 3·1 and subgrade of 1 foot.

It was found that some 2,000 feet of the old 300-foot channel had filled in, and it was necessary to have this removed to complete the channel through to the 10-foot contour. Authorization to carry on this dredging was given under the same contract, involving 200,000 cubic yards, at the same unit price, and work was commenced April 9 by the suction dredge *Portland* and will be continued to completion during the fiscal year 1920-21.

The material removed consists of sand and silt, and has been deposited on the shore at various points where permits had been secured from the owners of the properties.

Sandheads.

The object of this dredging is to maintain a sufficient depth of water through these places on the Sandheads which from time to time become shoal. No dimensions can be given for this work, as the dredging covers the channel from Steveston to the gulf of Georgia, a distance of 5½ miles. The different cuts were made along definite and predetermined lines, following as far as possible the deepest part of the channel, and paralleling the existing and proposed jetty line.

The materials removed consist of silt, sand and clay, and is dumped from the hoppers of the dredge in the deep water of the gulf of Georgia. The work is being done by the departmental dredge *303,* which has worked during the periods: April 21 to July 15, 1919; August 11-October 18, 1919; October 27-November 15, 1919; February 9-March 31, 1920, and removed a total of 570,964 cubic yards, hopper measurement. The following table shows the location of this dredging, and the quantity for each location:—

Location	Quantity.	Location.	Quantity.
Buoys 1-3	109,970 cubic yards.	Buoys 9-11	94,339 cubic yards.
Buoy 3	13,934 " "	" 10-12	6,967 " "
Buoys 3- 5	18,044 " "	" 13-15	15,087 " "
" 5- 7	74,569 " "	" 15-16	51,740 " "
" 7- 9	90,848 " "	" 15-17	18,807 " "
" 7-10	49,598 " "	Buoy 16	7,053 " "
Buoy 10	18,096 " "	" 22	792 " "
			569,844 cubic yards.
		Balance removed at William's Head	1,120 " "
		Total	570,964 cubic yards.

During the period 1910-11, 1918-19, there has been removed from the Sandheads a total of 6,133,515 cubic yards. The work done during this fiscal year has assisted in maintaining a minimum depth of 14 feet at low water, or 26 feet on a 12-foot tide throughout the channel, and the work is still being continued.

Steveston Canneries.

This work became necessary this year, to provide a sufficient depth of water to allow small freighters, tugs, etc., to berth alongside the wharves of operating canneries at Steveston during any stage of the tide.

The total length of the cut was 2,400 feet; width 150 and depth 7 feet, giving 8 feet of water at low water. This involved the removal of 93,243 cubic yards, place measurement, including 1 foot subgrade and side slopes of 2 to 1, the material con-

sisting of sand and silt. The dredging extended in front of the wharves of the Pacific Coast Cannery, Great West Cannery, B.C. Pressed Brick Company, Colonial Cannery, and the Richmond Cannery, being that part of the channel not dredged last year when 56,000 cubic yards were removed in front of the Imperial Cannery, Phœnix Cannery and Dominion Products Company's wharves. The work was done by the departmental dredge *King Edward* during the period June 23-August 19, 1919.

This channel has been dredged repeatedly, but shoaling continues, due to the extension of Steveston bar, and the fact that the channel itself is blind, having no outlet to the east. It is expected that further dredging will be required over this area in about another two years.

Steveston, New Channel.

This work is the continuation of the development of the new channel through Steveston bar, made necessary owing to the shoaling of the old channel known as Woodwards slough.

Work was commenced in May, 1918, by the dredge *King Edward,* and during the fiscal year 1918-19 she removed 545,900 cubic yards of sand and clay from a channel 5,150 feet long, 300 feet wide and to a depth of 16 feet below low water. The dredge *303* also removed 114,700 cubic yards from the westerly entrance to the channel, making a total for the year 1918-19 of 660,600 cubic yards.

The dredge *King Edward* continued on this work during the present fiscal year, and removed a total of 352,299 yards, as shown in the table below.

Location.	Material.	Length.	Width.	Depth.	Quantities.
Main Cut.	Sand.	5,700 feet.	300 feet.	5 feet.	316,666 cubic yards, place measure.
"D".	"	3,150 "	75 "	2 "	17,500 " " " "
"C".	"	.....	.....	4 "	18,133 " " " "

The dredges worked on this channel during the periods August 21 to March 3, and March 11 to 15, being held up owing to ice in the river during December 8 to 20.

The dredge *303* was also engaged on work here during the periods July 16 to Auguts 9, November 18 to December 10, and December 22 to January 10, when she removed a total of 139,525 cubic yards of sand, hopper measurement. This amount was removed from the westerly entrance to the channel where shoaling had taken place, due partly to the operations in the cut above. This makes a total of 491,824 cubic yards removed during this fiscal year, and a total of 1,152,424 cubic yards removed from this channel since operations began.

The dredging this year completes, for the present, the work required in this channel, except for the removal of the old submerged dam at its easterly entrance, which dam is to be removed during the fiscal year 1920-21. With the removal of this dam it is believed that the current through the channel will be sufficient to keep it secured to the required depth of 16 feet below low water.

STEVESTON JETTY.

This work consisted of the continuation and completion of the protective work to the jetty at Stevetson, under contract with Messrs. Hodgson & King.

The materials used on this work were as follows:—

4,590 tons rock at $1.75 per ton.	$ 8,032 50
2,778 cubic yards mattress at $2.50 per cubic yard.	6,945 00
2,250 lineal feet poles at 25 cents per foot.	562 50
	$15,540 00

Added to this is the cost of inspection, amounting to $161.

The total materials used in this work during the period of construction, December 20, 1918, to April 30, 1919, were as follows:—

8,710 tons of rock in place at $1.75 per ton..	$15,242 50
12,963 cubic yards mattress in place at $2.50 per cubic yard..	32,407 50
10,500 lineal feet poles in place at 25 cents per lineal foot.. ..	2,625 00
	$50,275 00

The work was completed on April 30, 1919, and has had the effect of preventing further erosion of the bank towards the jetty.

HALF MOON BAY.

Construction of wharf.

This work was done under contract with the Fraser River Pile Driving Company. The wharf is of pile bent and timber construction, creosoted piles being used as bearing and brace piles and fir piles for fenders. The pier head is 40 by 72 feet with a slip 12 by 20 and shed 12 by 18 feet. The approach is 315 feet long and 14 wide. There is a small boat landing consisting of steps from deck level to low water 4 feet wide and 35 feet long. At the outer end of the wharf there is a depth of 16 feet at low water.

This work was completed on November 12, 1919.

The final estimate, showing an amount of $5,821.95 in favour of the contractors is dated November 18, 1919.

HARDY BAY.

A contract for the construction of a float and approach to replace the former wharf was placed on October 24, 1918, but weather conditions made it impossible to do the work during the winter months and the construction was not commenced until May, 1919, and was completed during August, and consisted of a float 64 by 30 feet with shed 18 by 24, gangway 32 feet by 3 feet 8 inches and the approach on piles 162 by 6 feet. The amount of contract was $2,136; extra work authorized was $513.25, making the total expenditure $2,649.25.

HOPE BAY.

The wharf which is at the northeasterly end of the island was recently taken over from the Provincial Government and is a regular calling point for steamers.

A new float was built and a number of piles in the wharf and approach were renewed at a cost of $812.05.

KICKING HORSE RIVER.

The channel of the Kicking Horse river at Golden was obstructed by an accumulation of gravel carried down from the canyon above the town and deposited on the flats on which the town is built. At one point the gravel had formed a bar over six feet in height, the top of which was only one foot below the level of the adjoining banks and during the high water seasons of 1916, 1917, and 1918, the water overflowed these banks and flooded the adjacent portions of the town, and the farming lands in the vicinity to a depth of several feet, doing an enormous amount of damage besides causing great inconvenience. To prevent further flooding during future periods of high water, it was decided to clear out the obstruction in a part of the present channel, just at the point of most severe flooding and bank erosion, thus forming a new channel 150 feet wide, approximately 3,200 feet in length, with an average depth of 6 feet.

Funds for this work were provided by appropriations by the province of British Columbia, and by this department, the work to be done by the Provincial Government in accordance with plans prepared by this department.

The Canadian Pacific Railway Company, which was largely interested in the prevention of future floods, lent a 3½-yard steam shovel which was used in excavation above water, and the excavation below water was done by three steam drag scrapers owned by this department.

The work of excavating was started during November, 1918, and the whole work was completed by June 30, 1919.

This work consisted of:—

The excavation of a channel 150 feet by 3,200 feet with an average depth of 6 feet, entailing the removal of 84,044 cubic yards of material, mostly sand and gravel. Of this amount 54,094 yards were removed by steam shovel at an average cost of 21·99 cents per yard, and 29,950 yards were removed by Berkley scrapers at an average cost of 25.33 cents per yard.

The construction of a pile and sheet pile wall of a length of 580 feet at a cost of $4,660.14.

The construction of a mattress 1,300 feet long with an average width of 27 feet at a total cost of $5,514.49 costing 15·7 cents per square foot.

The total expenditure on this improvement amounted to $39,011.75. Of this amount $7,260.51 was for street repairs rendered necessary by overflow of previous year, compensation paid to owners of property, damage by floods, etc., which are not proper charges against the work in which this department was interested, leaving a balance of $31,751.24 as the total cost of the work proper.

This department's proportion of the expenditure amounted to $12,200, about one-half the cost of the river improvement.

KUPER ISLAND.

The wharf which was recently taken over from the Provincial Government is a regular calling point for steamers. Repairs were made and consisted in the renewal of a number of bearing and fender piles and the renewal of the cedar logs in the float, at a cost of $888.60.

LASQUETI ISLAND.

A new float was installed at Tucker Bay, 20 by 30 feet, of cedar logs with cross-ties and planking, with gangway from wharf 4 by 32 feet, anchored to wharf by boom logs. A new slip was built in the wharf 10 by 26 feet, and six bearing posts replaced under approach.

The work was done during June 24 to August 23.

NANAIMO.

Dredging.

During 1914, the south channel was improved by the removal of gravel and sand, giving a width of 400 to 500 feet between 30-foot contours, and in the same year the Lobnitz rock breaker *No. 2* commenced work, the main improvements in view being the removal of the large area of hard sandstone rock fronting the Western Fuel Company's ballast wharf, known as Nicol rock, and three large areas of similar rock in the North channel, so as to give a minimum width of 400 feet dredged to 30 feet below low water, with the same depth at Nicol rock, the broken rock being removed by periodical visits of one of the departmental dredges. This work was discontinued at the end of the fiscal year 1917-18, owing to war conditions. Blasting in the harbour is not desirable on account of the colliery workings under the harbour bed.

Owing to silting up having taken place, dredging was done at the southerly end of the Fuel Company's loading wharves in order that they might be able to berth the Canadian National Railway Company's car ferry boat *Canora*.

Departmental dredge *No. 303* (Fruhling) worked on 22nd, 23rd and 24th October, 1919, removing 1,944 cubic yards (hopper measurement) of sand and clay, giving the required depth of 17·5 feet below L.W.L.

The average length of the area dredged is 150 feet, with a width of 61 feet and a minimum depth of 17·2 feet below L.W.L. low water datum being 16·4 feet below the summit of the masonry beacon on Beacon rock. Further dredging may be anticipated in about three years.

NARAMATA.

During the fiscal year, a pile bent and timber decked structure was built 182 by 48 feet with a shed 100 by 20 feet.

On November 3, 1919, a contract was let to build the new wharf at a cost of $8,102.90. Work was commenced February 10, 1920, and was still in progress on March 31 when there remained the new shed to be built and the guard rail to be laid.

Expenditure incurred on this wharf up to the end of the fiscal year is estimated to have amounted to $6,368.

NAAS RIVER.

Work done during the year consisted in improving the river by blasting out portions of reefs and boulders from the bed of the stream. At Underleaf, 40 miles up from the tidal waters at the mouth of the river, 3,110 cubic yards of rock was removed. At Hells gate, 42 miles up, several large rocks were removed and small reefs were blasted out to open up a channel which will make navigation at this point easier and safer at all stages of water. Expenditure during the year was $11,122.15.

NEW MASSETT.

A new wharf was built to replace the old wharf which collapsed in 1918. The new wharf is 40 by 80 feet with an approach 410 feet long by 14 wide, all on creosoted pile bents, three piles per bent laid 10 feet centre to centre. The timber superstructure is of 10- by 12-inch caps, 8 by 10 stringers, 3 by 10 joists and 3-inch planking.

There is a freight-shed 14 by 16 feet built on the main wharf.

A float 15 by 25 is built on the inner end of the L with a stairway leading to the approach.

At the outer end of the wharf there is 20 feet of water at low water and 35 at high water.

The work was built by contract at unit prices and cost $13,551.54.

OKANAGAN CENTRE.

On September 26, 1919, a contract was let to build a new wharf at a cost of $6,063.61. Work was commenced December 1, 1919, and completed January 31, 1920.

This work, a pile bent and timber-decked structure, was built 168 by 48 feet with a slope 14 by 48 feet at the easterly end with a shed 12 by 20 feet on the main wharf.

OKANAGAN RIVER IMPROVEMENTS.

Two flexible mattresses constructed of brush and reeds on wire netting, totalling in area about 1,900 square feet, were sunk with rock against the upper side of the two ends of the existing dam, in order to seal as far as possible the leaking foundation. These were completed in the first week in January at a cost of $813.98.

Conditions disclosed by the difference in water level above and below the dam of over 4 feet showed that it would be unwise, considering the importance of the control, to attempt repairs to the old structure and work was accordingly commenced on a new dam immediately below the old one. By the end of the fiscal year, the foundation piling in the river and the west wing were driven and the foundation sills laid and brush and rock filled in between the crib and pier foundation piling. This work was done at a cost of $4,163.02.

PENDER HARBOUR.

Pope's Landing.

This amount of $524.88 was expended in moving the float from Donnellys Landing, in building an approach 6 feet wide and 130 long, and in general repairs. Two eyebolts were put in as anchorage for the seven new boom sticks used to hold float in position. A new apron was built from approach to cribbing ashore. This work was done during July 2 to September 2.

PENDER HARBOUR.

Gonzales Landing.

A new float, 36 by 42 feet, was built at this point, of cedar logs, cross-ties and planking, with boomstick anchorage, also a smaller float of same construction 16 by 40 feet. A new 44-foot gangway was built from trestle approach to float. There are five boomsticks and two 70-foot stiff legs in the anchorage. Two bents of trestle approach were removed and replaced by four new ones, braced. The end of approach was raised one foot. This work was done during January 2 to February 12 (building new float) and March 1 to 31, 1920 (placing floats), at a cost of $1,832.29.

PORT ALBERNI.

The city of Alberni requested additional accommodation for the large number of fishing boats using Port Alberni as their head-quarters, and a float was built 414 by 6 feet parallelling the float constructed by the city at the end of Bird street having a waterway 100 feet wide between. The work was carried out by day labour, was commenced early in March. The existing float at the Government wharf was also repaired.

PORT ESSINGTON.

A new float was built by contract and measures 30 by 30 feet secured by five guide piles at each corner and is reached by a floating approach 334 feet long by approximately 6 feet wide; this approach is secured by anchor chains and a group of guide piles.

The expenditure amounted to $3,750.63.

PORT MOODY.

Construction of Float.

A sum of $633.02 was expended in constructing a new float 12 by 100 feet of cedar logs, cross-ties and planking. Two boomsticks were placed for anchorage and the present gangway from wharf to float repaired.

The work was done during July 28 to August 7, 1919.

VANCOUVER.

False Creek.

To provide berthing accommodation for scows and tugs alongside the Vancouver Gas Company's wharf on False Creek, it was asked that the slip be dredged to 12 feet at low water.

A contract was entered into to remove 12,850 cubic yards of silt, boulders, and hardpan, at a rate of 36½ cents per cubic yard.

Work under this contract was commenced March 11, 1919, and continued up to March 31, when 2,555 cubic yards, place measurement, had been removed. The work was continued in the present fiscal year from April 1 to 5, and from May 7 to 8, during which period a further 1,845 cubic yards were removed at a cost of $673.42.

The total yardage removed was 4,400, place measurement.

The area dredged over is 318 feet long, and a width over the greater part of 117 feet. Dredging was done as far as possible to a depth of 12 feet at low water, but it was found that the only dredge available, that could pass under the Georgia Street viaduct, at this point, was unable to remove to grade the hard material encountered over part of this area. The work, however, has met the requirements of the tugs and scows, and the depth should be maintained for several years.

Burrard Inlet.

This work was asked for by the Wallace Shipyards, to deepen the water in front of their launching ways, and to provide material for filling cribwork ashore.

The general dimensions of the work are: length, 200 feet; width, 150 to 20 feet at low water. The material was clay and boulders, and was pumped ashore as required by the company.

This work was performed by the *King Edward* during the period May 19 to May 22, when 8,400 cubic yards were removed. This dredging was paid for by the Wallace Shipyards at the rate of cost, plus overhead.

WHITEMAN'S.

As it was considered that the construction of a new wharf would be more satisfactory and that the cost would not exceed the allotment granted for repairs, drawings were made for a new pile bent structure 56 feet long by 32 wide on site of the old wharf.

Work was commenced January 20 and completed March 6.

The total expenditure amounted to $2,003.85.

WILLIAMS HEAD.

Work on the water supply system was brought to a successful termination in October. Work was carried out by day labour. An eight-inch Neptune dial and crest meter was installed at the point where the main enters Government property at the quarantine station; this meter has not worked properly since being installed, was found to be defective, and the meter company has agreed to replace the defective part free of cost. Under crossings were made at two creeks, at one of these it was found expedient to build a concrete wall to prevent scouring. Three creeks were crossed by 12-inch steel pipe supported on concrete piers; the pipe was boxed in each case for the complete length of the crossing.

Near Glen lake, the ground being swampy it was found necessary to drive piles and cross by means of a trestle, this was also boxed.

Air, relief and blow-off valves were installed in concrete chambers where required, and gate valves were placed at approximately every half mile.

The roads were left in good repair; at a point on the Happy Valley road it was found necessary to raise the road for about 200 feet in length in order to obtain covering for the main; work was done by the Provincial Government and paid for by this department.

Diversions from the roadway through private property were found necessary in ten cases and rights of way, 20 feet wide, and of varying lengths, were obtained.

At the station grounds, a complete fire system was installed consisting of twenty-nine hydrants and two reels with 1,000 feet of hose and equipment, and it was found that three good two-inch streams can be continuously maintained at a pressure of from 80 to 90 pounds.

Residences and executive buildings were connected to the new system and the pressure reduced to 85 pounds; the existing tank of about 16,000 gallons capacity was connected to the new main and is so arranged that the station can be supplied from the tank at a pressure of 30 pounds should the city supply be temporarily cut off. A connection has been made through the filter between the old 4-inch main and the new 10-inch with the object of providing an emergency supply, but this cannot be used until the old main from the Quarantine lake is overhauled and put in working order.

The pressure at the station is fairly consistent being 150 pounds at the power-house, 140 at office and 145 at the meter-house. On completion of the work, the camp outfit, tools, pipes, etc., were sold by auction, but a sufficient quantity was kept for repairs when found necessary.

The new main to where it enters Government property has been taken over by the city of Victoria and they are responsible for maintenance for a period of five years.

Twenty-nine consumers have been connected to the main along the Happy Valley and Metchosin roads and other applications are being dealt with; a meter is installed for each consumer and all connections are made by the city engineer.

The main wharf is used by ocean-going steamships for quarantine purposes; the dimensions of the wharf are 482 feet 4 inches by 40 feet 3 inches, connected to the shore by three approaches, centre, easterly and westerly ends respectively.

A contract was entered into for extensive repairs and alterations at unit prices; construction was commenced in June and was completed in October, 1919, and the total cost including contract, inspection, etc., was $20,728.48. The above work included the removal of the superstructure and its reconstruction which involved the raising and replacing of the various buildings on the wharf while the work was in progress; all fender piles were renewed with fir piling, also a number of creosoted bearing and brace piles. The chemical tank and tower were removed and a new tank constructed on the hill at the rear of the wharf and connected thereto with a 4-inch pipe. The superstructure of the easterly approach was removed and a Howe truss of 38-foot span was provided, supported by creosoted piles so as to allow of the passage of coal scows; minor repairs to the centre and westerly approaches were made and the boathouse float was renewed. Most of the bearing and brace piles being copper sheathed are in good condition, but where required they were patched with Muntz metal.

Roads.

The road leading to the station, for a distance of about 1·8 miles, is maintained by the department. It was in need of repairs especially on account of the heavy motor traffic in connection with the Chinese coolie camp used in the shipment of Chinese labourers to France and their subsequent repatriation; therefore general repairs including gravel surfacing, ditching, and repairs to culverts were made where required between the angle near the Swanick road and the station fence, and work was done by day labour at a cost of $3,492.14.

DREDGING OPERATIONS.

Contract Dredging and Dredging by Day Labour, 1919-20.

Port Arthur, Ont —

Under contract No. 9490 with W. E. Phin, dredge *Excelsior.*
Quantity removed: 317,170 cubic yards, scow measurement, at 13 cents and 8⅔ cents, class B; clay and sand (including 1,751 cubic yards, castover at 8⅔ cents per yard).
Amount passed for payment, $45,529.11; inspection, $980; total expenditure, $46,509.11.
Work commenced, May 1, 1919; completed, November 26, 1919.
Object of work: Dredging: (1) Basin entrance in front of elevators. (2) Richardson elevator slip. (3) Kings channel. (4) C.N.R. elevator slip "A." (5) C.N.R. elevator slip "B." (6) Thunder Bay elevator slip to depths 15, 21 and 25 feet at low water.

Shag Harbour, N.S.—

Under agreement with T. J. Locke, district engineer, dredge day labour.
Quantity removed: 867 cubic yards, place measurement, at 57·7 cents per cubic yard, class B; soft mud.
Amount passed for payment, $499.91; total expenditure, $499.91.
Work commenced, November 10, 1919; completed, December 6, 1919.
Object of work: Dredging out by day labour about 1,300 feet by 9 feet to a depth of 2 feet to enable fishermen to enter at any stage of the tide.

Welshs Cove, N.B.—

Under agreement with F. G. Goodspeed, district engineer.
Quantity removed: 30 cubic yards, place measurement, at $3.13 per cubic yard, class A; rock.
Amount passed for payment, $94; total expenditure, $94.
Work commenced, June, 1919; completed, June 20, 1919.
Object of work: Removal of small ledge of rock.

False Creek, B.C.—

Under agreement with J. W. Pike, dredge *Beaver No. 2.*
Quantity removed: 4,400 cubic yards, place measurement, at 36½ cents per cubic yard, class B.
Amount passed for payment, $932.58; total expenditure, $932.58.
Work commenced, March 11, 1919; completed, May 10, 1919.
Object of work: To dredge a slip about 318 feet long and 110 feet wide to a grade depth of 12 feet at low water.

St. Charles, N.B.—

Under day labour with Mr. Geoffrey Stead, district engineer.
Quantity removed: 1,723.3 cubic yards, measurement, at about 44 cents per cubic yard, class B; mud and shells.
Amount passed for payment, $767.25; total expenditure, $767.25.
Work commenced, August, 1920; completed, August, 1920.
Object of work: Removal of material shoaled in the channel so as to obtain a depth of 1 foot at low water.

SESSIONAL PAPER No. 19

Point Sapin, N.B.—

Under day labour with Mr. G. Stead, district engineer.
Quantity removed: 2,226·7 cubic yards, measurement, at 44·6 cents per cubic yard.
Amount passed for payment, $994.07; total expenditure, $994.07.
Work commenced, June 1, 1919; completed, July 12, 1919.
Object of work: Removal of material in approach to and part of the area inside the breakwater to a depth of 4 feet at low water.

Black River, N.B.—

Under contract No. 12223 with A. Ramsay MacLean, dredge *Black River.*
Quantity removed: 8,500 cubic yards, scow measurement, at 24 cents per cubic yard, class B; mud.
Amount passed for payment, $2,040; inspection, $209.40; total expenditure, $2,249.40.
Work commenced, June 27, 1919; completed, September 23, 1919.
Object of work: To dredge a cut across the flats about 900 feet long by 40 wide to a depth of 3½ feet low water.

Cobourg, Ont.—

Under contract No. 12290 with Ottawa Contractors Ltd., dredge *Ontario.*
Quantity removed: 15,663.91 cubic yards, scow measurement, at 27 cents per cubic yard, class B; sand.
Amount passed for payment, $4,229.25; inspection, $359.56; total expenditure, $4,588.81.
Work commenced, August 2, 1919; completed October 11, 1919.
Object of work: Dredging inner harbour and outer entrance channel to depths of 18 and 20 feet at low water respectively.

Naufrage, P.E.I.—

Under day labour with District Engineer Hyndman.
Amount passed for payment, $1,487.17.
Work commenced, June 17, 1919; completed, September 20, 1919.
Object of work: Removal of material from top of breakwater which was castover by dredge *No. 11.*

Sault Ste. Marie, Ont.—

Under contract No. 12405 for hire of plant with Soo Dredging Co., dredge *Derrick No. 24.*
Quantity removed: 183 cubic yards, class A, 645 cubic yards, class B; rock, boulders, etc
Amount passed for payment, $11,775; total expenditure, $11,775.
Work commenced, July 29, 1919; completed, November 21, 1919.
Object of work: Removal of obstruction in St. Mary's river to a depth of 21.5 feet at low water level.

Sault Ste. Marie, Ont.—

Under day labour with District Engineer W. J. Fuller.
Amount passed for payment, $2,742.70; total expenditure, $2,742.70.
Work commenced, July 15, 1919; completed, November 4, 1919.
Object of work: Removal of obstructions and sweeping channel and harbour.

Kincardine, Ont.

Under contract No. 12342 with C. S. Boone Dredging and Construction Co., dredge *Kingsford.*

Quantity removed: 16,544 cubic yards, scow measurement, at 60 cents per cubic yard, class B; sand.

Amount passed for payment, $9,926.40; inspection, $132; total expenditure, $10,058.40.

Work commenced, August 11, 1919; completed, September 20, 1919.

Object of work: Removal of shoal areas in channel and inner harbour to a depth of 14 feet low water.

Three Rivers, P.Q.—

Under contract No. 12400 with Simpson Brothers Co., Ltd., dredge *St. Pierre.*

Quantity removed: 54,800 cubic yards, scow measurement, at 24 cents and 16 cents per cubic yard, class B; sand and clay.

Amount passed for payment, $12,858.40; inspection, $381.91; total expenditure, $13,240.31.

Work commenced, August 20, 1919; completed, November 30, 1919.

Object of work: Dredging channel and basin in Eastern branch of river St. Maurice, Que., to enable Tidewater Shipbuilding Co. to launch new vessels and float them to the St. Lawrence river.

Fort William, Ont.—

Under contract No. 7339 with Great Lakes Dredging Co., dredge *No 6.*

Quantity removed: 149,901 cubic yards, scow measurement, at 27½ cents, 24½ cents, 10¼ cents, 22½ cents per cubic yard, class B; sand and clay, clay boulders, also 57 yards class A material, rock, at $2.40 a cubic yard.

Amount passed for payment, $27,774.45; inspection, $305; total expenditure, $28,079.45.

Work commenced, September 9, 1919; completed, November 15, 1919.

Object of work: To continue dredging in Kaministikwia and Mission rivers under contract No. 7339.

Jeannettes Creek, Ont.—

Under agreement with Windsor Dredging Co.

Quantity removed: 10,432 cubic yards, place measurement, at 20 cents per cubic yard, class B; mud,sand and clay.

Amount passed for payment, $2,086.40; total expenditure, $2,086.40.

Work commenced, September 3, 1919; completed, September 16, 1919.

Object of work: Dredging cut from Thames river to Jeannettes Creek station to a depth of 5 feet below low water.

West St. John, N.B.—

Under contract No. 12494 with Mr. John A. Gregory, dredge *Beacon Bar.*

Quantity removed: 17215.6 cubic yards, place measurement, at 33 cents per cubic yard, class B; mud, gravel, ashes, coal, etc.

Amount passed for payment, $5,840.15; inspection, $398.13; total expenditure, $6,238.28.

Work commenced, October 27, 1919; completed, December 31, 1919.

Object of work: To maintain the necessary depth in the deep water berths on western side of St. John harbour.

Nicolet, Que.—

Under agreement with F. C. Burns, dredge *Capital.*
Quantity removed: 9,105.5 cubic yards, scow measurement, at 45 cents per cubic yard, class B; sand and clay.
Amount passed for payment, $4,097.48; inspection, $140; total expenditure $4,237.48.
Work commenced, October 23, 1919; completed, November 25, 1919.
Object of work: To clean out shoaled portion of Nicolet river, Que., near its mouth, to a depth of 8 feet at low water.

Fraser River, B.C. (North Arm).—

Under contract No. 12403 with Pacific Construction Co., dredges *Robson* and *Portland.*
Quantity removed: 940,777 cubic yards, place measurement, at 15½ cents per cubic yard, class B; sand and silt.
Amount passed for payment, $145,820.44; inspection, $4,973.56; total expenditure, $150,794; work commenced, September 4, 1919; completed, March 31, 1920.
Object of work: Dredging channel of Fraser river (North Arm) between lots 318 and 314 and to the north of Sea island.

Thames River, Ont.—

Under agreement with H. B. R. Craig, District Engineer.
Quantity removed: 314 snags.
Amount passed for payment, $1,402.44; total expenditure, $1,402.44.
Work commenced, August, 1919; completed, December, 1919.
Object of work: Removal of snags in Thames river, Ont.

N. W. Miramichi River, N.B.—

Under day labour with Mr. Geoffrey Stead, District Engineer.
Quantity removed: 87 obstructions.
Amount passed for payment, $121; total expenditure, $121.
Work commenced, June 28, 1919; completed, August 7, 1919.
Object of work: Removal of snags from N.W. Miramichi river, N.B.

CALENDAR YEAR DEPARTMENTAL DREDGING REPORT, 1919.

MARITIME PROVINCES.

Dredge.	Date.	Locality.	Material.	Quantity cu. yds.	Cost Locality.	Total Cost.	Cost per cu. yd
					$ cts.	$ cts.	$ cts.
"No. 1".....	July 14-Aug. 8..	Yarmouth, N.S., Bug Light channel.	Sand, rock, bldrs...	15,200	11,641 89	.....	0·765
	Aug. 9-Sept. 10..	Yarmouth, N.S., John's Cove shoal.	Sand, slate, rock and boulders.	21,100	13,926 36		0·660
	Sept. 11-24.....	Halifax, N.S., No. 9 Pier...	Sand, rock, coal and boulders.	2,639	2,594 47		0·983
	Sept. 25-Dec. 27	St. John, N.B., Winter Port berths.	Mud, ashes and sand	67,182	26,699 18	.....	0·397
	Dec. 29-Dec. 31	St. John, N.B., Inner channel	Gravel, mud.....	3,432	1,307 88	.....	0·381
				109,553	.....	56,169 78	0·513
"No. 2".....	July 22-Aug. 4	Campbellton, N.B., Govt. wharf.	Mud, sand, gravel, sticks, logs, stones	8,000	5,911 30	.....	0·738
	Aug. 21-30						
	Aug. 5-20.....	Mission Point, Champoux wf. and coal pier.	Sand, sticks, logs, stones, gravel.	8,000	6,397 16	.....	0·799
	Sept. 1-Oct.3...	North Sydney, N.S.....	Stones, clay, coal, rock.	3,329	4,777 63	.....	1·435
	Oct. 4-Nov. 4.	Ottawa Brook, McKinnon's hbr.	Clay, cement, sand, stones.	6,073	7,611 82	.....	1·253
	Nov. 5-28.....	New Campbellton, N. S., coal pier.	Clay, sand, rock, sticks, stones and old logs.	9,122	5,749 35	.....	0·630
				34,524	.....	30,447 26	0·881
"No. 3".....	June 23-July 14	Bathurst, N.B., Ripple Bar..	Sand, mud, clay....	20,732	6,674 02	.....	0·322
	July 23-30.						
	Nov. 10-15.						
	July 15-22.....	Bathurst, N.B., Bathurst Lumber Co's. wharf.	Sand, mud, clay....	2,798	2,522 91	.....	0·901
	July 28-Nov. 29	Bathurst, N.B., Outer Bar....	Sand, mud, clay and gravel.	66,005	22,798 96	.....	0·345
	Sept. 18-Nov. 28	Bathurst, N.B., Seal Bar	Sand, gravel, clay...	7,205	3,960 40	.....	0·549
	Oct. 23-27.....	Bathurst, N.B., Ballast Bar	Sand, gravel, clay...	3,510	2,078 17	.....	0·592
	Nov. 17-22.						
				100,250	.....	38,034 46	0·379
"No. 4".....	Aug. 21-23....	Pictou Landing, N.S.....	Sand and gravel....	700	501 62	.....	0·716
	Aug. 25-Nov. 17	New Glasgow, N.S	Sand, gravel, mud.	35,060	17,835 14	.....	0·508
	Nov. 18-19.....	Trenton, N.S. channel.....	Mud, gravel, sand, clay, stones.	1,100	557 35	.....	0·506
	Nov. 20-Dec. 3	Trenton, N.S., Cantley Point	Mud.....	8,634	3,511 30	.....	0·406
				45,494	.....	22,405 41	0·492
"No. 5".....	Sept. 24-Nov. 29	Yarmouth, N.S., Amiro's Point.	Hard sand and gravel.	131,763	70,571 17	.....	0·535
						70,571 17	0·535
"No. 7".....	Jan. 1-30.....	Abbott's Harbour, D'Entremonte wharf.	Mud, sand, stone and gravel.	5,787	6,099 59	.....	1·053
	May 5-May 10	Yarmouth, N.S., Amiro's wharf.	Soft mud.....	1,039	966 07	.....	0·929
	May 12-19.....	Yarmouth, N.S., Lewis wharf	Mud and rock.....	2,208	2,351 82	.....	1·065
	May 20-28.....	Yarmouth, N.S., Gateway fish Co's. wharf.	Clay and mud.....	1,748	1,993 80	.....	1·140
	June 2-7.....	Yarmouth, N.S., Marine Slip	Mud.....	920	1,187 79	.....	1·291
	May 29-31.....	Liverpool, N.S.....	Sand, mud, sawdust	18,890	20,461 16	.....	1·083
	June 9-Aug. 21...						
				30,592	.....	33,060 23	1·080
"No. 9".....	July 3-19.....	Eldon, P.E.I., Belfast wharf	Mud and silt.....	9,640	3,851 79	.....	0·399
	July 21-Sept. 30	Murray Hbr., P.E.I., Beach point.	Mud, clay, gravel...	27,730	12,727 64	.....	0·459
	Oct. 1-31.....	Hurd's Point, P.E.I...	Mud, sand, bldrs....	13,180	6,507 38	.....	0·493
	Nov. 1-27.....	Summerside, P.E.I., Queen's wharf.	Mud, clay, gravel.	12,375	7,272 94	.....	0·587
	Nov. 28-Dec. 16	Charlottetown, P.E.I., Buntain and Bell's wharf.	Mud.....	6,120	3,157 98	.....	0·516
				69,045	.....	33,517 73	0·485
"No. 10".....		Not in commission.		.....	.....	539 98	.....
"No. 11".....	May 14-June 13..	Alberton, P.E.I. wharf.....	Mud, clay, sand, brick, stone, rock.	5,333	4,252 46	.....	0·797
	June 14-Aug. 30 .	Naufrage, P.E.I., breakwater	Clay, rock, sand, mud and boulders	7,719	7,807 79	.....	1·011
	Sept. 1-Nov. 17.	Bay Fortune, channel.....	Sand, rock and clay	6,618	3,288 11	.....	0·496
				19,670	.....	15,348 36	0·780
"No. 12".....	Aug. 29-Oct. 10	Washadamoak, N.B., Cole's Island.	Sand.....	16,637	5,757 20	.....	0·346
	Oct. 11-31.....	Washadamoak, N.B., Dredge track.	Red clay and mud..	13,304	2,905 90	.....	0·218
	Nov. 1-8.....	Washadamoak, N.B., Perry's wharf.	Clay and rock.....	1,026	873 13	.....	0·851
				30,967	.....	9,536 23	0·307
"No. 13".....	June 2-21.....	Bathurst, N. B., Tete-A-Gauche Bar.	Cemented sand.....	7,619	5,970 96	.....	0·783

SESSIONAL PAPER No. 19

CALENDAR YEAR DEPARTMENTAL DREDGING REPORT, 1919.—*Continued.*

MARITIME PROVINCES.—*Concluded.*

Dredge.	Date.	Locality.	Material.	Quantity cu. yds.	Cost Locality.	Total Cost.	Cost per cu.yd.
					$ cts.	$ cts.	$ cts.
	June 23-July 5..	New Carlisle, P.Q.....	Hard sand.....	5,837	3,980 62	.....	0·682
	July 7-Aug. 9..	Loggieville, N.B.....	Soft mud.....	14,082	6,797 13	.....	0·482
	Aug. 11-Sept. 8.	Canso, N.S.....	Rock, bldrs, clay..	1,613	6,083 62	.....	3·771
	Sept. 9-Oct. 1... Oct. 29-30.	North Sydney, N.S., Farquhar's wharf.	Rock, sand, gravel, mud, clay, stones ballast.	3,681	4,243 51	.....	1·152
	Oct. 2-9.....	North Sydney, N.S., Vought's wharf.	Rock, sand, gravel, mud, clay, stones.	1,179	2,553 61	.....	2·165
	Oct. 10-28.....	North Sydney, N.S., Salter's and Moulton's wharf.	Rock, ballast, gravel	9,880	7,172 66	.....	0·726
	Oct. 31-Nov. 1..	North Sydney, N.S., Musgrave's wharf.	Clay, stone, rock....	1,134	1,013 93	.....	0·894
	Nov. 4-5.....	Sydney, N.S., Quarantine whf.	Mud, clay, sand.....	1,084	638 40	.....	0·588
	Nov. 13.....	North Sydney, N.S., Jackson's wharf.	Ledge rock.....	40	150 21	.....	3·755
				46,149	.....	38,604 65	0·836
"No. 14".....	.....	Not in commission.....	.....	.....	.....	314 92	
"No. 15".....	Aug. 18-Oct. 2...	Middle South.....	Mud, clay, stones...	6,500	2,576 53	.....	0·396
	Oct. 8-Oct. 18...	Corkum's Island.....	Mud, clay, stones...	325	167 13	.....	0·514
	Oct. 20-Dec. 2..	Feltzen South.....	Mud and gravel.....	3,625	1,533 90	.....	0·423
				10,450	.....	4,277 56	0·409
"Lisgar" tug....	.....	Tug was rented Dec. 10-31.....	.....	.....	.....	603 70	.....
"R.B. No. 3"....	.....	Rockbreaker was rented to Messrs. Foley Bros., Welch, Stewart & Fauquier.	.....	.....	.....	1,203 32	.....
"Stonelifter No. 1".	.....	..Not in commission.....	.....	.....	.....	582 58	.....
"Scow No. 157"..	.....	.....	.....	.....	.....	572 76	.....
"Office staff and expenses".	.....	.....	.....	.....	.....	8,958 81	.....

ONTARIO AND QUEBEC.

"No. 101".....	.....	Dredge dismantled.....	.....	.....	.....	13 75	.....
"No. 102".....	.....	Not in commission.....	.....	.....	.....	583 54	.....
"No. 103".....	.....	Not in commission.....	.....	.....	.....	745 33	.....
"No. 106".....	.....	Dredge sold.....	.....	.....	.....	1,433 26	.....
"No. 109".....	.....	Not in commission.....	.....	.....	.....	3,978 21	.....
"No. 110".....	Sept. 5-Oct. 8..	Ha Ha Bay, P.Q.....	Clay.....	28,978	36,552 93	36,552 93	1·261
"No. 111".....	.....	Not in commission.....	.....	.....	.....	417 65	.....
"No. 112".....	.....	Not in commission.....	.....	.....	.....	1,137 65	.....
"No. 115".....	.....	Not in commission.....	.....	.....	.....	4,143 57	.....
"No. 116".....	May 15-21.....	Grosse Isle, P.Q.....	Clay.....	2,870	3,597 62	.....	1·253
	May 22-Sept. 26	Rimouski, P.Q.....	Clay and boulders.	48,676	45,751 34	.....	0·939
	Sept. 27-Oct. 16	Lauzon, P.Q.....	Sand.....	1,050	1,251 42	.....	1·191
							1.253
				52,596	.....	50,600 38	0·962
"No. 117".....	Apr. 14-June 21..	Port Burwell, Ont...	Silt, sand, mud.....	79,128	17,427 65	.....	0·220
	June 22-Nov. 25	Toronto, Ont.....	Sand, silt, clay.....	144,650	32,199 22	.....	0·222
				223,778	.....	49,626 87	0·2217
"No. 118".....	.....	Not in commission.....	.....	.....	.....	417 68	.....
"No. 119".....	.....	Not in commission.....	.....	.....	.....	973 12	.....
"No. 120".....	.....	Not in commission.....	.....	.....	.....	1,175 79	.....
"No. 121".....	June 9-Sept. 16..	Louiseville, P.Q.....	Clay, sand.....	17,140	6,985 78	.....	0·407
	Sept. 17-Nov. 28	Caughnawaga, P.Q.....	Hardpan, bldrs.....	2,010	5,324 28	.....	2·648
				19,150	.....	12,310 06	0·642
"No. 123".....	Aug. 15-Oct. 18	Three Rivers, P.Q.....	Sand, clay.....	25,414	19,705 58	.....	0·775
	Oct. 20-Nov. 15	Batiscan, P.Q.....	Sand.....	11,454	8,807 64	.....	0·768
				36,868	.....	28,513 22	0·773
"No. Q. and R."	Aug. 1-Nov. 5...	Three Rivers, P.Q.....	Sand and clay.....	80,563	15,406 57	.....	0·191
	Nov. 6-15.....	Batiscan, P.Q.....	Sand.....	4,890	1,145 90	.....	0·234
				85,453	.....	16,552 47	0·193
"Steel Scows"....	.....	.....	.....	.....	.....	8,467 95	.....
"Stonelifter No. 102".	.....	Not in commission	.....	.....	.....	149 12	.....
"Steam Derrick"	.....	Not in commission.....	.....	.....	.....	198 87	.....
"Sweeping Scow" (Girard).	.....	.....	.....	.....	.....	445 00	.....
"Victoria Island Shipyard".	.....	Maintenance.....	Repairs and contingencies.	.....	.....	10,077 86	.....
"Messages".....	.....	.....	.....	.....	.....	932 45	.....

CALENDAR YEAR DEPARTMENTAL DREDGING REPORT, 1919.—*Continued.*

MANITOBA, SASKATCHEWAN AND ALBERTA.

Dredge.	Date.	Locality.	Material.	Quantity cu. yds.	Cost Locality.	Total Cost.	Cost per cu.yd.
					$ cts	$ cts.	$ cts
"No. 201".....	June 6-Aug. 16. Sept. 15-29.	Mouth of Red River.....	Sandy clay and hard sand.	41,466	11,606 69	11,606 69	0·279
"No. 202".....	June 5-10.....	Repair Slip, Selkirk.....	Silt and mud.....	1,114	2,761 96	2,761 96	2·479
"No. 204".....	.....	Not in commission.....	.....	.....	.....	392 99	.....
"No. 205".....	May 29-July 24..	Gimli.....	Mud, clay and bldrs.	17,863	4,317 85	.....	0·241
	July 25-Aug. 21	Selkirk Slough.....	Soft mud.....	24,878	5,568 02	.....	0·223
	Sept. 3-30. Aug. 21-Sept. 2.	Selkirk Wharf.....	Soft mud, clay.....	3,749	1,073 71	.....	0·286
				46,490	.....	10,959 58	0·235
"No. 208".....	June 7-Sept. 24	Cumberland Lake.....	Clay, sand, gumbo.	18,269	6,299 22	6,299 22	0·344
"No. 210".....	June 21-30.....	Winnipegosis	Silt.....	395	3,368 62	3,368 62	8·528
"Hecla" (tug)..	.....	.....	.....	.....	.....	190 00	.....
"Vaughan" (tug)	.....	.....	.....	.....	.....	368 38	.....
"Gasoline Launch".	.....	.....	.....	.....	.....	97 15	.....
"Selkirk Shipyard Maintentenance".	.....	.....	.....	.....	.....	2,130 11	.....
"Carberry" (tug)	.....	.....	.....	.....	.....	1,250 00	.....
"Floating Pile Driver".	.....	.....	.....	.....	.....	50 00	.....
"Coal Barges" (3)	.....	.....	.....	.....	.....	175 00	.....

BRITISH COLUMBIA.

"No. 301".....	.....	Not in commission.....	.....	.....	.....	10,643 31	.....
"No. 302".....	.....	Not in commission.....	.....	.....	.....	1,690 05	.....
"No. 303".....	Jan. 1-Mar. 10	Sand Heads.....	Mud and silt.....	503,203	62,119 29	.....	0·123
	Apr. 21-July 15	.....	.....	.....	.....	.....	.....
	Aug. 11-Oct. 18	.....	.....	.....	.....	.....	.....
	Oct. 27-Nov. 15.	.....	.....	.....	.....	.....	.....
	Mar. 11-Apr. 11.	General overhaul	.....	.....	.....	.....	.....
	Apr. 12-19.....	William Head, Esquimalt...	Boulders.. ...	1,120	613 16	.....	0·547
	May 26-30.....	Tied up at New Westminster..	.....	.....	.....	.....	.....
	July 16-Aug. 9...	Woodward cut'.....	Mud and sand...	120,067	16,623 02	.....	0·138
	Nov. 17-Dec. 31						
	Oct. 20-25.....	Ferry Slip, Nanaimo.....	Stiff clay..	1,944	1,323 13	.....	0·68
				626,334	.....	80,678 60	0·128
"No. 304".....	.....	Not in commission.....	.....	.....	.....	.....	.....
"No. 305".....	Jan. 1-Mar. 26...	New Channel, Steveston.....	Sand and silt	219,455	23,057 19	.....	0·105
	Mar. 27-31.....	Woodward Ferry Landing....	Silt.....	250	78 40	.....	0·313
	April 1-19.....	Fraser Mills.....	Sand and silt	22,995	7,007 66	.....	0·304
	June 4-14.....						
	April 21-May 17.	General overhaul..... ...	.....	.....	.....	.....	.....
	May 19-23.....	Wallace Shipyard.....	Gravel and rock....	8,400	1,106 16	.....	0·131
	May 26-June 3...	Tied up at New Westminster..	.....	.....	.....	.....	.....
	June 24-Aug. 19	Cannery Channel.....	Silt and sand.....	100,810	19,167 74	.....	0·19
	Aug. 20-Dec. 31	Woodwards Cut.....	Silt and sand.....	248,545	34,803 09	.....	0·14
				600,455	.....	85,220 24	0·141
"No. 306".....	.....	Not in commission.....	.....	.....	.....	7,867 82	.....
"No. 307".....	.....	Not in commission.....	.....	.....	.....	1,149 72	.....
"No. 309".....	.....	Not in commission.....	.....	.....	.....	425 04	.....
"No. 311".....	Nov. 15-Dec. 31	Cottonwood Point.....	Sand and gravel.....	8,370	6,146 67	6,146 67	0·734
"No. 313".....	.....	Not in commission.....	.....	.....	.....	313 05	.....
"R. B. No. 1"...	.....	Not in commission.....	.....	.....	.....	960 46	.....
"R. B. No. 2"...	.....	Not in commission.....	.....	.....	.....	.....	.....
"Drilling Plant".	.....	Not in commission.....	.....	.....	.....	.....	.....
"Salaries and office expenses"	.....	.....	.....	.....	.....	1,035 62	.....

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DRY DOCKS.

CHAMPLAIN DRY DOCK.

The work during the present fiscal year consisted more in the rectification of defective works already built, than in the construction of new works. The temporary underground cable system, which was built during the war to enable the operation of the dock, was replaced by the permanent system as required by the specifications. The metal road around the dock, part of which was built, was completed this year. Galvanized steel ladders were erected in all the different penstocks around the dock and wherever else found necessary. All the parts of the mechanical equipment, which were found defective were partly changed and replaced. All steam line piping were removed and rebuilt, and the magnesia asbestos covering put on. All feed water lines piping were removed and reconstructed. All the brickwork of the eight steam boilers was completely taken down and replaced by new brickwork. A tunnel was built in the power-house, underneath the floor, at the rear of the boilers. This tunnel was built to receive the different pipe lines that could possibly be put in there, in order to clear the alley behind the boilers. In the pump-house, the three main pumps and the two drainage pumps were tested in the month of November, 1919. Some small changes and repairs were also made to the piping lines and electric cables in the pump-house. Two small pumps were brought to empty the small sump in pump-house. The erection of these pumps was started and will be completed during the next season. A contract was entered with Jos. Gosselin Limitée, of Levis, to build a wood fence 10 feet high around the Champlain and the Lorne dry docks. This work was completed during the fiscal year. 4,410 feet of fence were built at $2.80 per lineal foot, making a total expenditure of $12,348, for which the Davis Shipbuilding and Repairing Company is to pay half. Expenditure for the fiscal year, $49,681.20.

ESQUIMALT GRAVING DOCK.

During the fiscal year, 47 ships were docked for cleaning, painting and repairs, occupying the dock for 158 days. The electric light poles on the east side of the dock have been renewed. The auxiliary boiler developed leaks and it was found that extensive repairs were necessary. A new water meter was installed. The road between the dock entrance gates and the dockmaster's residence was resurfaced. Both the pile dolphins outside the entrance to the dock, which were almost destroyed by the action of pile worms, were renewed, creosoted piles being used. Besides attending to the docking and undocking of ships, the staff has been variously employed in attending to minor repairs and general upkeep of the plant.

The expenditure during the year was $21,937.10.

LAUZON.

Lorne Dry Dock.

Dredging was done at the entrance to the Lorne dry dock with the object of cleaning the entrance of the dock and preventing mud from accumulating in the rolling caisson chamber. The materials excavated in this work were mud, sand, and a few boulders, and were dumped in the river St. Lawrence at about three-quarters of a mile from the site of the works, but the materials excavated by the "clam shell" were dumped on the wharf nearby. The dredging covered an area of 15,040 square feet and to an average depth of 1·5 foot. The quantity of materials dredged by the departmental dredge *No. 116* was 1,050 cubic yards, and the place measurement of same was 468 cubic yards, which would give an expansion factor of 1·2. The dredge was there from October 13 to 18, 1919, but only twelve hours of actual dredging was

done. As for the quantity of materials excavated by the departmental clam shell *Hugh Quinlan* no scow measurement was given because the materials were directly dumped on the wharf. The place measurement was 340 cubic yards. This clam shell worked from November 3 to 5, 1919.

Toilet Building.

During the fall of 1919, a contract was entered into for the construction of a new toilet building at the Lorne dry dock and the expenditure was $3,150.

LOCKS AND DAMS.

RIVER ST. CHARLES IMPROVEMENTS.

The description of the work to complete the proposed locks and dam has been fully covered by previous annual report.

No work has been done on the locks and dam since the contract was cancelled. The Canadian Northern Division of the National Railways however, found it necessary to rebuild their bridge over the river St. Charles in advance of the completion of the entrance piers to the locks which would have been used as piers for the support of the steel superstructure after the removal of the old piers. For the above purpose, the Department of Railways and Canals, undertook and completed a sufficient length of the sections of the entrance piers to the locks to support the new steel superstructure and any section of that work which was part of the entrance walls to the locks conformed to the plans and requirements of the Department of Public Works, for which works this department was requested to pay two-thirds of the cost, which will amount to $80,365.38. A considerable quantity of the plant taken over from the former contractors, referred to in last fiscal year's report, has been sold, and a part has been under lease during the working season.

RIVIERE DU LIEVRE.

At the opening of navigation the booms were placed and small floating plant launched and at the end of the season laid up for the winter. During March, 365 lineal feet of new three-ply boom was built of 12 by 12 British Columbia fir. Small repairs were made to the lockmasters' quarters.

Expenditure during the fiscal year, $2,122.80.

YAMASKA.

The lock and dam built between 1882 and 1885, are situated about two miles below the village of Yamaska. The operation and maintenance of these works was discontinued at the end of the fiscal year 1919, owing to their dilapidated state and the insufficient amount of traffic going through.

SLIDES AND BOOMS.

Ottawa River Works.

OTTAWA RIVER.

North Chaudiere station.—The outlay at this station was for timber used in building an apron which was placed at the outlet of the lower slide to prevent logs and timber from being damaged by striking the bed of the river at low stages of water in the Ottawa.

TRIBUTARIES OF OTTAWA RIVER.

Gatineau river.—The expenditure on this river was for a few tools for the works and for oil, paint and brushes for repair to boats.

Madawaska river.—At Arnprior station, some repairs were made to the chains of the guide booms and in addition certain tools were provided.

At High Falls station, the two piers of the bulkhead at entrance to the slide were partially rebuilt. The pier on northern side is 34 feet long in front, 41 in rear, 14 feet wide and 7 feet high. The southern pier is 41½ feet long, 10 feet wide and was built 4 feet in height. At the rear of the main dam, the foundation of a support pier was laid and built two courses; the size of the pier being 18 by 48 feet.

Coulonge river.—In May, 1919, the High Falls slide suffered severe damage through the washing out of a portion of its foundation cribwork by the force of the water; with the result that the bents and superstructure collapsed and tumbled into the river. The slide where the break occurred is 49 feet in height, and the damage extended over a space of 175 feet in length. Repairs were speedily made by building a cribwork 120 feet long, 12 feet wide and 14 high, on the top of which were placed eleven bents to carry the superstructure. Twenty-five cross sills and fifty-six posts were required for the slide, the sides and bottom of which were covered with three-inch oak plank. The stone filling was removed from two piers which support the main guide boom and placed on the shore, so that the woodwork might be built in the winter.

A dam at the head of the slide which was also damaged in the spring was repaired. Two courses of timber were laid on top and a portion of the front, 18 feet in width, and the whole of the top were covered with two-inch plank; the length of this dam is 84 feet and the width at top is 7 feet. At the lower end of the slide, a section 84 feet in length was repaired. Twenty-eight posts and fourteen sills were renewed, and the sides and bottom were sheeted with three-inch oak plank.

Black river.—The sheeting of the High Falls slide was patched in many places. Below the first curve, a portion 163 feet in length on the eastern side was stripped and entirely covered with new material. A new guard railing was placed on the bulkhead and the platform of the latter was repaired. At the entrance to slide, the guide booms were very much waterlogged, so much so that they would not support the weight of the men engaged in feeding the slide, so 364 feet of the boom were removed and laid up on the shore to dry and other seasoned timber was substituted. Twenty-eight cap pieces were required for the boom, connecting chains were examined and several were replaced.

Petawawa river.—At the First Chute station, the outlay was for tools and spikes used in repairing the booms and slide. At the second chute, the booms were patched, timber was hauled from the railway station and laid up at the works and preparations were made for repairs to the main controlling dam. At Cedar Lake station, a round of timber was placed on each of three piers supporting the guide boom leading to the sluiceway. A new flooring 20 feet wide, 12 feet long and 6 inches thick was placed in the waste gate, and two sills each 22 feet long were needed under the flooring. A break in the long pier dam to south of waste gate required two pieces of timber, and the surface over the break was covered with 4-inch plank. The dam adjoining the waste gate 33 feet long and 10 wide was raised one course of timber. At the extreme southern end of the main dam, an extension was made 39 feet in length and carried up four feet in height to prevent leakage at this place.

Dumoine river.—The only expenditure on this river was for a boat used in connection with repairs at High Falls.

In the spring of 1919, the water in the Ottawa river and its tributaries was much higher than usual, and several of the works suffered damage in consequence. On the

Madawaska river. the passing of logs through the slides was suspended when the water was the highest so as to safeguard the works.

The maximum height of water was reached towards the end of May, and remained at a fair pitch during the summer months.

NOTE.—On April 3, 1920, these works were leased to the Upper Ottawa Improvement Company.

BRIDGES AND ROADS.

OTTAWA.

Bridges at Ottawa and Roadway and Bridge Approaches between Ottawa and Hull.

Chaudiere slide bridge.—The roadway of this bridge was cleaned from time to time; the sandstone pavement was raised to grade where settlement had taken place, and the gratings were kept clean.

Union bridge.—The roadway planking was patched, the bridge cleaned frequently and sidewalk repaired.

Roadway and bridge approaches, Ottawa and Hull.—The stone pavement was repaired and kept to grade, roadway was cleaned, sidewalks and guard fences were maintained in repair and the weeper holes were kept open.

OTTAWA-HULL, UNION BRIDGE.

A contract was awarded April 30, 1919, for the construction of a new steel highway bridge.

The old bridge was moved on August 22. The work of rebuilding the Hull abutment was then carried out, consisting of demolishing corners of this abutment and rebuilding with concrete corner piers encasing two steel columns down to bed rock and front wall revetment also of concrete. This abutment and the Ottawa abutment were finished with new concrete coping and ballast walls for bridge seats. Cost for this extra work, $8,260.03.

The new span, to a large extent erected, was moved into place October 15. On November 10 the reinforced concrete slab for roadway was completed, and on November 25, the laying of lug blocks on roadway was also finished. On the morning of December 9, the bridge was opened for traffic of pedestrians and vehicles, and, on 12th, the Ottawa Electric railway resumed operation. Temporary approaches were prepared by the contractors to accommodate this traffic during the winter. The new structure will only be completed this spring.

The new bridge consists of a riveted steel truss span 234 feet 6 inches c. to c. of end bearings and 41 feet c. to c. of trusses, with bracketed sidewalk on downstream side. The reinforced concrete roadway carries double-track electric railway traffic. The granolithic sidewalk will be built for a disance of 130 feet beyond each end of bridge and bracketed from the masonry approaches. The pavement is of creosoted lug blocks.

The old bridge was stored at Victoria Island shipyard prior to disposal.

Expenditure during the fiscal year was $98,896.74.

ONTARIO AND QUEBEC.

Burlington Channel.

The swing bridge was placed in commission on April 1 and was closed for season on December 23. A contract was awarded for the repairs to the south pier, being the removal of 200 lineal feet of superstructure commencing at a point 300 feet measured easterly from the westerly end of south pier and the reconstruction of said superstructure. Work was commenced August 5 and is still being carried on, and up to the present time approximately one-half of the contract has been completed.

Des Joachims Bridge.

One of the piers supporting the main span was damaged by logs coming down the river; several of the stones having become dislodged left a cavity some 8 feet in height and extending into the body of the pier from 6 to 7 feet. The void was filled with concrete, and as a further protection a buttress pier of concrete with a cutwater battered at an angle of forty-five degrees was built in front of the masonry pier, all the concrete being well bound together in one mass. The protection pier is 12 feet long, 7 wide, the width of the masonry pier, and 12 feet high.

Grand River Bridge.

Work of repairs was commenced on July 9 and completed September 9 last, and consisted of repairs to decking, stringers and filling holes in the westerly approach to bridge. In all 5,010 f.b.m. timber and 20 cubic yards gravel were used in the work.

Matapedia.

A contract was entered into on December 3, 1918, for the renewal of flooring on the bridge, over the Restigouche river between the provinces of Quebec and New Brunswick. Work was begun March 22, and was completed on May 2, 1919. Contract was for the amount of $4,997, from which $50 were deducted for alterations in specified lengths of timber used for flooring. The dimensions of the bridge are as follows: 1,106 feet in length by 16½ in width. Expenditure for the year, $5,083.

North Timiskaming.

A contract was awarded May 20, 1919, for the erection of a traffic bridge across the Quinze river, consisting of two through truss spans, each 238 feet 1¾ inches long, and two deck spans, each 75 feet long, with concrete roadway 17 feet 2½ inches wide. Up to December 12, when work was discontinued, the steel was completely erected and 368 feet of the concrete floor in place. There remains about 270 feet of floor slab and the painting to complete the contract. It is intended that this work shall be carried out during the coming spring and early summer. During November, repairs were made to bridge substructure, by day labour, consisting of improvements to north wing of abutment No. 1, where 5 cubic yards of field stone were placed in backfill and portion of riprap wall rebuilt, improvements to foundation of pier No. 3, where 30 cubic yards field stone were deposited in water up to elev.—2.0 feet below bridge datum. Materials, consisting of 160 cedar posts and 228 cubic yards gravel, were purchased and delivered at bridge, to be used in the building of handrailing and grading approach roadways. This work will be proceeded with by day labour concurrently with the contract work.

Expenditure during the fiscal year, $70,050.77.

Portage du Fort Bridge.

The flooring of the larger bridge was entirely renewed, and general repairs were made to both bridges.

ALBERTA.

Banff Bridge.

General repairs were made and consisted of reflooring roadway and footpath decking, and repairing protection abutments. Work was carried out by day labour and the expenditure incurred up to March 31, 1920, was $2,347.04.

Canmore Bridge.

General repairs were made and consisted of repairing protection abutments, piling centre pier, renewal of riprap around piers, stopping and pointing bridge. Work was carried out by day labour.

GOVERNMENT TELEGRAPH SERVICE.

By D. H. Keeley, General Superintendent.

Location of Lines.	Year Constructed	Length of Lines.			No. of Offices.	Messages Sent.	
		Land Lines.	Cables.	Total.		1919.	1920.
Newfoundland	1883	14		14	2	.....	.....
Nova Scotia	1880–1916	946¾	31½	978¼	142	25,340	28,582
New Brunswick						.....	.....
Chatham-Escuminac	1885–1919	110¼		110¼	27	5,945	6,107
Bay of Fundy	1880–1916	77½	39¾	117¼	18	3,978	5,506
Quebec—							
Magdalen Islands	1880–1910	111½	73¼	184¾	20	4,768	4,644
Anticosti Island	1881–1890	251½	65¼	316¾	9	1,266	678
North Shore St. Lawrence	1881–1915	1,082	5½	1,087½	77	53,964	58,469
Chicoutimi District	1881–1912	479		479	36	.....	.....
Quarantine System	1885–1912	150	21¼	171¼	25	11,332	11,413
Quebec County	1909–1914	76½		76½	.....	8,404	9,105
Timiskaming	1910–1912	104		104	18	1,693	2,015
Ontario—							
Pelee Island	1889–1901		17¼	17¼	1	525	512
Saskatchewan—							
Moose Jaw-Willow Bunch	1885–1912	212		212	8	.....	.....
Battleford-Isle Lacrosse	1912	295		295	7	31,799	28,776
Qu'Appelle-Onion Lake	1883–1913	562½		562½	28	.....	.....
Alberta—							
Onion Lake-Hudson Hope Loops and Branches	1883–1915	1,136		1,136	38	47,182	70,707
Athabaska-Fort McMurray and Branches	1914–1915	315		315	6	.....	.....
British Columbia—							
Mainland	1899–1918	1,414½	8½	1,423	276	89,263	129,880
Vancouver Island	1896–1914	1,174¾	73¾	1,248½	154	119,593	128,060
Yukon—							
Ashcroft-Dawson Boundary and Branches	1899–1916	3,185½		3,185½	254	101,975	99,892
Queen Charlotte Island	1913–1914	123		123	13	.....	.....
Total	.....	11,821¼	336	12,157¼	1,179	507,027	584,346

SESSIONAL PAPER No. 19

TELEGRAPH SYSTEMS OF THE DOMINION.

As a matter of general interest, pursuant to the statement submitted last year, the latest figures to hand showing the extent of telegraph lines in operation in the Dominion are as given hereunder:—

Canada.	Length of Lines in Miles.				Length of Conductors in Miles.				
	Aerial.	Underground.	Submarine.	Total.	Aerial.	Underground.	Submarine.	Total.	No. of Offices.
1919–20.									
Great North Western Telegraph Co.	10,064	7	13	10,084	31,357	192	78	31,627	.....
Canadian Pacific Telegraph	14,617	23	95	14,735	106,143	820	227	107,190	1,519
Government Telegraph Service	11,516¾	.....	336	11,852¾	11,821¼	.....	336	12,157¼	1,179
Grand Trunk Pacific Telegraph	5,277	1	1	5,279	19,525	18·25	2·19	19,545	279

REVENUE AND EXPENDITURE.

The revenue and expenditure for each of the Government lines in the several districts hereinbefore mentioned are given in the following table:—

1919–20.	Expenditure	Revenue.
Lower St. Lawrence and Maritime Provinces—		
Anticosti lines	$ 6,946 36	$ 600 62
Bay of Fundy	3,096.91	1,632.03
Cape Breton	31,498.85	6,638.49
Escuminac	4,410.58	791.46
Ile aux Coudres (subsidy)	200.00	
Magdalen Islands	6,926 30	2,209.55
North Shore, East of Bersimis	27,759.89	10,581.86
North Shore, West of Bersimis	16,904 41	3,141.15
Orleans telephone	1,309.69	663.14
Quarantine system	7,440.74	104.54
Quebec County Lines	10,193.83	1,402.24
Dorchester Line	556.50	132.45
Prince Edward Island and Mainland	6,946 66	
Cable Ship *Tyrian*—		
Maintenance	78,970.32	
Generally—		
Gulf and Maritime Provinces	5,942.58	
Timiskaming District—		
Telephone line	7,570·99	493.31
Ontario—		
Pelee Island telephone	1,386.64	120.70
North West Lines—		
Saskatchewan	61,685.59	7,544.14
Alberta	95,941.83	37,333.47
British Columbia—		
Mainland	80,053.86	48,296.95
Vancouver Island	107,838.26	43,707.24
Yukon—		
Ashcroft-Dawson	236,990.00	112,355.61
Telegraph service generally	5,673.84	
	$ 806,244.63	$ 277,748.95

DEPARTMENTAL TELEPHONE SERVICE.

Up to date of this report (April 1, 1920) the telephone connections with the central office of the Bell Telephone Company at Ottawa, listed as chargeable to the special appropriation, numbered 1,260, the annual charge for which amounts to $57,004.90. The connections are distributed amongst the several departments, as hereunder:—

Department.	No. of Telephones.		Total.	Cost per Annum.
	Offices.	Residences.		
Agriculture	40	4	44	$ 2,948.44
Air Board	1		1	64.90
" P.B.X.	14		14	509.30
Auditor General	14		14	850.30
Civil Service Commission	21	3	24	1,279.30
Clerk of Crown in Chancery	1		1	62.70
Commerce Board	5		5	303.38
Conservation Commission	6	1	7	471.90
Customs	24	3	27	1,406.90
Dominion Archives	4	1	5	298.10
Exchequer Court	2		2	140.30
External Affairs	15	3	18	982.30
Finance	9	3	12	618.20
" P. B. X.	38		38	1,384.90
Government House	7		7	355.30
" " P. B. X.	18		18	610.50
" " Private Line				135.30
Health and Statistics	2	3	5	216.70
" P. B. X.	30		30	943.80
House of Commons	2	1	3	126.50
Immigration and Colonization	14	2	16	875.60
Indian Affairs	12	1	13	656.70
Industrial Research Council	2		2	119.24
Inland Revenue	10		10	529.10
Interior	120	3	123	6,787.22
" Soldiers Settlement Board	20	1	21	1,282.38
Justice	19	5	24	1,235.74
Labour	13	3	16	902.00
Library of Parliament	3	2	5	207.90
Marine and Naval	4	3	7	302.50
" " P.B.X.	101		101	2,799.06
Military Service Council	1		1	91.30
Militia and Defence	15	3	18	1,194.60
" " P.B.X.	234		234	7,509.92
Mines	26		26	1,450.24
" P.B.X.	36		36	823.90
North West Territories	1		1	62.70
Overseas Military	3		3	213.18
Patents	5	1	6	294.80
Patriotic Fund Committee	1		1	104.50
Post Office	47	3	50	2,721.40
Printing and Stationery	15	1	16	880.00
" " P.B.X.	49		49	1,272.70
Privy Council	8	1	9	596.20
Public Works	63	1	64	3,646.94
Railways and Canals	26	2	28	1,296.72
Royal Canadian Mounted Police	29	1	30	1,729.20
Secretary of State	13	2	15	801.24
Soldiers Civil Re-Establishment	7	2	9	434.50
" " " P.B.X.	14		14	627·00
Supreme Court	1	1	2	92.40
Trade and Commerce	20	3	23	1,255.10
War Purchasing Commission, P.B.X.	12		12	499.40
	1,197	63	1,260	$ 57,004.90

CAPE BRETON.

Conditions Generally.—This year has been the most successful so far as volume of traffic handled in the district has obtained, due largely to the continuance of the pulp industry at Englishtown, the re-opening of the coal district at New Campbellton and the vigorous prosecution of the fish industry.

Some trouble was experienced during the year on the Big Bras d'Or and Ingonish Sections due to severe gales and sleet, but general repair work was taken in hand by the various employees and all lines were placed and kept in a state of efficiency.

BAY OF FUNDY.

Both telegraph and telephone circuits worked well during the year in spite of severe sleet storms, communication being always restored within a few hours of interruption.

The necessary cable repairs were carried out by the D.G.S. *Tyrian.*

No changes in offices or staff and no new lines constructed.

MAGDALEN ISLANDS.

The Meat Cove cable, which was interrupted in December, 1917, was repaired in 1919 and is now giving good service.

The Bryon Island cable is out of commission but will be repaired as soon as the D.G.S. *Tyrian* is available.

There have been no serious interruptions during the year and no new offices opened.

ANTICOSTI ISLAND.

The usual general repairs were completed during the season. No additional offices opened.

NORTH SHORE LINES.

These lines received a thorough overhauling under the supervision of the general repairers, 470 poles and 1,900 braces were renewed.

This line operated very satisfactorily during the past year showing an increase in the volume of business done.

No new construction and no new offices opened.

QUARANTINE LINES.

On the 11 submarine cables forming part of this system a few slight interruptions took place, but were quickly remedied. In the making of necessary repairs about two miles of old cable were used.

The land lines gave good service throughout the year.

No change in location, or extensions were made.

Ontario.

The cable connecting Pelee island to the mainland at Leamington which had been damaged during a terrific storm, by vessels catching same in their anchors was repaired on July 31, 1919, and good service has obtained over same to date.

Saskatchewan.

The lines in this section worked satisfactorily during the past season despite high winds and gales which prevailed. Business has been satisfactory and compares favourably with the previous twelve months.

Extensive repoling will have to be done on parts of this system next year due to oft-repeated resetting of poles which have now become too short to use again.

No extensions or changes have taken place.

Alberta.

The circuit was well maintained in this district during the past year. Bush fires followed by severe wind, rain and snow storms caused some trouble on the Peace River and Fort McMurray lines, yet the revenue for the year shows an increase of $14,265 over the previous year.

Due to the scarcity of labour only $2,879 was spent out of a vote of $5,000 for woods clearance (right of way), work being only done where most necessary.

No extensions or changes.

British Columbia (Mainland).

Good service was given over this system during the past year. Business has been very satisfactory showing an increase of 37 per cent over the previous year.

No extensions or changes have taken place during the year.

Vancouver Island.

The various lines comprised in the district were operated very satisfactorily during the past year. The revenue has increased and due to the opening of new industries the service is taxed to its capacity.

The submarine cable between Pender and Mayne islands and Clayoquot and Vargas islands parted in November last but were repaired with a minimum of delay, 1½ knots of cable being used in effecting repairs.

In December the cable between Sydney and Sydney island parted and in March the one between Nanaimo and Entrance island also parted, but repairs were effected with a minimum of delay, half-knot of cable being used.

No changes nor extensions.

Yukon Lines.

Operations during the past year have been very satisfactory. Interruptions were few and of short duration. There has been a heavy increase in traffic the revenue being fully 15 per cent greater than during the past fiscal year.

The composite system of telegraph and telephone was extended from North-Bulkley to Burns lake to relieve the congestion on the main line.

The usual repairs, consisting of repoling, clearing right of way, etc., were carried on during the summer and the various lines and branches put in good order.

Cable Ship "Tyrian."

On April 1, 1919, had on hand 15·18 knots of D.S. cable, said amount of cable being added to during the year's operations in the following manner:—

July 2	—Long Eddy-Herring Bay cable, picked up	0·25 knots.
June 29	—Seal Island " " "	10·03 "
Aug. 4	— " " " " "	1·10 "
" 23	—Tadoussac " " "	0·64 "
Sept. 2	—Gaspé-Anticosti " " "	3·12 "
Oct. 22	—Magdalen Islands " " "	21·92 "
Nov. 13	—Bryon Island " " "	1·15 "
1920.		
Mar. 24	—Seal Island cable, picked up	8·00 "
	On hand	15·18 "
	Making a total of	61·39 knots.

of D,S. cable which were utilized as follows:—

June	5—Scatari Island cable, laid..	0·23	knots.
"	11—Coffin Island cable, laid..	0·14	"
"	30—Whale Cove-Meadow Brook cable, laid..	0·08	"
July	2—Long Eddy-Herring Cove cable, laid..	0·60	"
"	8—Deer Island-Eastport cable, laid..	0·89	"
Aug.	9—Seal Island cable, laid..	13·39	"
"	9—Seal Island cable, condemned..	0·50	"
"	23—Tadoussac cable, laid..	0·73	"
Sept.	2—Gaspé-Anticosti cable, laid..	3·64	"
"	2—Gaspé-Anticosti cable, condemned..	1·50	"
Oct.	22—Magdalen Islands cable, laid..	22·34	"
"	22—Magdalen Islands cable, condemned..	0·40	"
"	22—Converted to boat work..	1·00	"
"	30—Tadoussac cable, laid..	0·75	"
"	17—Shipepd to Sable Island..	0·74	"
"	17—Shipped to Grand Narrows..	0·06	"
	Leaving on hand..	14·40	
		46·99	

knots of D.S. cable on the D.G.S. *Tyrian* on March 31, 1920. In addition to above at the end of the fiscal year the *Tyrian* had 1.21 knots of second-hand cable on hand as well as 1.31 knots of S.E.; 1.50 two-core and 1.19 four-core.

The above also shows the busy season which the D.G.S. *Tyrian* had in laying, picking up and repairing the various cables forming part of the Dominion Government Telegraph and Telephone Service.

Operation of ss. "Tyrian," 1919-20.

1919.

June 3—Left Halifax for Scatari cable repair.
" 4—Arrived at Scatari and started repair.
" 5—Completed repair and went to North Sydney.
" 6—Took aboard bunker coal.
" 7—Filled fresh water tanks.
" 8—Sailed for repair of Coffin Island cable.
" 9—Arrived at Coffin island, started repair.
" 10 and 11th—Repairing cable.
" 12—Sailed for Seal island, N.S.
" 13—Repairing cable.
" 14 to 17th—Bad weather.
" 18—Repairing cable.
" 19 and 20th—Bad weather.
" 21 to 24th—Repairing cable.
" 26—Sailed for Grand Manan, N.B.
" 27 to 30th—Repairing Whale Cove-Meadow Brook cable.
July 1—At Welchpool, N.B.
" 2—Repaired Long Eddy-Herring Cove cable.
" 3—Straightening out cable in tanks.
" 4 to 9th—Repairing Deer Island-Johnston's Cove cable.
" 10—Went to Flaggs cove and back to Welchpool.
" 11—Repairing cable in tanks.
" 12—Repaired Lubec cable and went to Seal cove, N.B.
" 13 and 14th—Repairing Seal Cove-Big Wood Island cable.
" 15—Went to White Head island and started repair.
" 16, 17 and 18th—Bad weather.
" 19—Completed repair and sailed for Halifax, N.S.
" 20—At sea.
" 21—Arrived at Halifax.
" 22 to 30th—Getting Grapnels repaired.
" 31—Sailed for Seal island to complete repair.
Aug. 1—Arrived at Seal island
" 2 to 10th—Repairing cable.
" 11—Arrived at Canso, N.S.
" 12—Went to North Sydney.
" 13—Took in coal and water.
" 14—Sailed for repair of Tadoussac cable.
" 19—Encountered foggy weather, arrived at Tadoussac.
" 20 to 25th—Repairing Tadoussac cable.
" 26—Sailed for Anticosti-Gaspé cable.
" 27—Arrived at Fox river.
" 28, 29, 30th—Repairing cable.
" 31—At Gaspé.
Sept. 1, 2, 3rd—Repairing cable.
" 4—Went to Gaspé.
" 5—Took in fresh water.

Sept. 6—Sailed for Magdalen island cable repair.
" 7—Anchored at Old Harry.
" 8—Ran for shelter to West point.
" 9—Back on cable ground.
" 10—Repairing cable.
" 11 to 14th—Bad weather.
" 15—Returned to cable ground.
" 16, 17, 18th—Repairing cable.
" 19—Went to Amherst for shelter.
" 20—Went to North Sydney to repair grapnels.
" 21 to 24th—At No. Sydney, getting grapnels repaired.
" 25—Sailed for cable ground.
" 26—Went to Amherst for shelter.
" 27—Back on cable ground.
" 28—Returned to Amherst for shelter.
" 29—Back on repair work.
" 30—Went to Aspy bay for shelter.
Oct. 1 to 4th—Repairing cable.
" 5—At Aspy bay for shelter.
" 6—Repairing cable.
" 7—At Aspy bay for shelter.
" 8—Started for cable ground, went to Grindstone for shelter.
" 9 and 10th. Repairing cable.
" 11—Went to North Sydney.
" 12 to 16th—At North Sydney.
" 18—Sailed for cable ground.
" 19 to 22nd—Repairing cable.
" 23—At Aspy bay for shelter.
" 24—Sailed for Tadoussac, Que.
" 25—At sea.
" 26—Anchored at Father point.
" 27—Arrived at Tadoussac.
" 29 and 30th—Repairing cable, and sailed for Gaspé.
" 31—Arrived at Gaspé.
Nov. 1—Took in fresh water.
" 2—Cleared for Bryon island cable repair.
" 3—Arrived at Bryon island and started repair.
" 4 and 5th—Repairing cable.
" 6—Gale of wind, went to sea.
" 7—Anchored off Amherst lighthouse.
" 8—Started for Grindstone but found sea too heavy.
" 9—Remained at Amherst light.
" 10—Got to Grindstone.
" 11 to 13th—Made attempt at repairing Entry Island cable.
" 14 to 16th—At Grindstone. Made inspection Fone system.
" 17—Made another attempt at Entry Island repair.
" 18—Sailed for St. Paul Island cable repair and went to North Sydney for shelter.
" 19 to 24th—At North Sydney, took in coal and water.
" 25—Sailed for St Paul Island cable repair.
" 26—Anchored at Aspy bay for shelter.
" 27—Got in to North Sydney.
" 28—At North Sydney for shelter.
" 29—Sailed for cable ground.
" 30—Landed coal at Bay St. Lawrence station.
Dec. 1—At Aspy bay for shelter
" 2—Went to North Sydney for shelter.
" 3 and 4th—At North Sydney.
" 5—Sailed for repair of S.W. Point Anticosti cable.
" 6—Off Bonaventure island received orders to go to the assistance of *Aranmore*, ashore on Labrador.
" 7—Arrived off Wolfe bay.
" 8 to 12th—Standing by *Aranmore*.
" 13—Sailed for North Sydney.
" 14—Arrived at North Sydney
" 15 to 21st—At North Sydney awaiting orders, took in coal.
" 22—Sailed for Halifax.
" 23—At sea.
" 24—Arrived at Halifax.
" 24 to March 8th—In Halifax.

1920.

Mar. 9—Sailed for repair of Seal Island cable.
" 10—Arrived at Woods harbour.
" 11 to 12th. Bad weather.
" 22 to 24th—Repairing cable.
" 25 to 27th—Bad weather.
" 28—Sailed for Grand Manan.
" 29—Went in to Eastport and took in fresh water.
" 30—Got fresh supplies aboard.
" 31—Went to Seal cove, Grand Manan.

TABLES OF LINES, OFFICES, STAFF, ETC.

NORTH SYDNEY—MEAT COVE SECTION.

No.	Office.	Intermediate Mileage. Wire.	Intermediate Mileage. Cable.	Name.	Position.	Salary per annum.	Date of Appointment.	Memo.
1	Meat Cove	0	0	Mrs. H. L. McEachern	Agent-operator	$50 or commission	Sept. 1, 1897	Where not otherwise stated, the commission is 25 p.c. of the tolls for the Government line on all business to and from the office in each instance; said commission guaranteed to be not less than at the rate of $50 per annum.
2	Capsticks	3	–	J. H. Capsticks	Agent-operator	$50 or commission	July 1, 1914	
	To loop	4	–					
3	Bay St. Lawrence (loop wire.)	½	–	R. G. Zwicker	Agent-operator	$936	Jan. 1, 1916	Transferred from Aspy bay to Bay St. Lawrence June 11, 1920; free house and fuel in addition to salary.
4	Aspy Bay	4½	–	E. J. Zwicker	Agent-operator	$50	Aug. 17, 1920	Cable station at Bay St. Lawrence instead of Meat cove since September 1, 1906.
5	Cape North Island	5	–	N. A. McDonald	Agent-operator	$50 or commission	May 1, 1913	
	To loop	1	–					
6	Dingwall (loop wire)	5½	–	Wm. Larusic	Agent-operator	$50 or commission	Dec. 14, 1916	
	To loop	10	–					
7	White Point (spur)	6¼	–	Geo. Fitzgerald	Agent-operator	25 p.c. commission		
8	Neils Harbour (loop wire)	2½	–	A. A. McLean	Agent-operator	$50 or commission	Nov. 1, 1907	
9	Ingonish	9	–	Mary McLeod	Agent-operator	$50 or commission	Feb. 1, 1912	
10	West Ingonish	2	–	J. P. Nunn	Agent-operator	25 p.c. commission	Nov. 1, 1914	
11	South Ingonish	8½	–	Mrs. M. C. Williams	Agent-operator	$50 or commission	Jan. 1, 1913	
12	Ingonish Ferry	2	¼	Mrs. Mary McInnis	Agent-operator	$50 or commission		
13	Wreck Cove	9	–	Mrs. Mary Morrison	Agent-operator	$50 or commission	Oct. 1, 1903	
14	French River	5	¼	John McDonald	Agent-operator	$50 or commission	May 18, 1908	
15	Briton Cove	2	–	D. B. McLeod	Agent-operator	25 p.c. commission	April 1, 1899	
16	Indian Brook	7	–	C. A. McInnes	Agent-operator	$50 or commission	July 19, 1907	
	To loop	2	–					
17	Murray (on loop)	8	–				Closed.	
18	North River Bridge (on loop)	2	–	D. J. Morrison	Agent-operator	$50 or commission	Oct. 5, 1909	
	To main line	10	–					
19	Englishtown	3¾	¼	Mrs. J. D. McCaskill	Agent-operator	25 p.c. commiission	March 28, 1912	
20	Eel Cove	2	–	M. Smith	Agent-operator	25 p.c. commission	Feb. 21, 1914	
21	South Gut (on loop)	3	–	Rachel Morrison	Agent-operator	$50 or commission	Sept. 1, 1904	
22	Munros Point (on loop)	5	–	John McKillop	Agent-operator	$50 or commission	April 6, 1916	
23	Baddeck (on loop)	8	–	J. A. Campbell	Agent-operator	$150 and 25 p.c. commission	April 2, 1919	
	To Englishtown	18	–					
24	Kellys Cove (New Campbellton)	12	–	Miss A. Morrison	Agent-operator	$50 or commission	Dec. 2, 1909	
25	Big Bras d'Or	2	½	D. Livingston	Agent-operator	$100 or commission	Jan. 1, 1889	
26	Little Bras d'Or 350 feet cable included.	8	–	M. Richards	Agent-operator	$50 or commission	Dec. 1, 1912	
27	North Sydney	4½	–	W. U. Tel. Co	Agent	50 p.c. and 25 p.c. commission.	May 9, 1905	The commission is 50 p.c. on local business and 25 p.c. on through messages, and covers supervision of line and office accommodation at North Sydney
				A. B. McDonald	General inspector	$1,800		
				C. W. McKee	District superintendent for all lines in Cape Breton.	$792		
		175	1¼					

Miles wire, 175; cable, 1¼; poles, 144.

MONEY POINT BRANCH.

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Salary per annum.	Date of Appointment.	Memo.
1	Bay St. Lawrence	0	0					This line was established and is being operated by telephone in the interest of the Signal Service.
2	Bay St. Lawrence Beach	1½	–					
3	Cape North Light (Money point).	5½	–	Norman McLeod			June 1, 1909	
4	Cape North Fog Alarm (Money point)	1	–	Stanley Hackett				
	Wire,	8	Poles, 8.					

ST. PAUL'S ISLAND BRANCH.

	Bay St. Lawrence	0	0					
	St. Paul's Island	3	20	A. J. McLeod	Agent-operator.	$50	Dec. 1, 1919	Operated by telephone.
		3	20					

Miles wire, 3; poles, 3; cable, 20.
Rate to St. Pauls Island, 60 & 4 from North Sydney, Cape Breton.

BAY ST. LAWRENCE-HAWKESBURY SECTION.

0	Bay St. Lawrence	0	0	(*See* North Sydney Line).				
1	Meat Cove	7¼	–	" "				
2	Cape St. Lawrence	4	–	Mrs. S. C. McLellan	Agent-operator.	$50 or commission	Jan. 1, 1904	The commission is 25 p.c. on all business to and from the office in each instance, said commission guaranteed to be not less than at the rate of $50 per annum.
	Half-way	1½	0					
	Poulet's Cove	5½	–					
3	Pleasant Bay	8	–	A. McLean	Agent-operator.	$50 or commission	Sept. 1, 1907	
	Barren	10	–					
4	Cheticamp (Eastern harbour)	10	–	M. S. Aucoin	Agent-operator.	50 p.c. commission	Aug. 3, 1905	
5	Grand Etang	8	–					Closed March, 1905.
6	Margaree Harbour	8	–	A. B. C. McLean	Agent-operator.	$240 without commission.	Oct. 20, 1896	
7	Margaree Forks	8	–	Jessie McDougall	Agent-operator.	$50 or commission	Sept. 10, 1908	
8	N.E. Margaree (loop wire)	10	–	Mrs. J. D. Ross	Agent-operator.	$100 or commission.	Feb. 1, 1898	
9	S.W. Margaree	4	–	Mrs. Mary Collins	Agent-operator.	$75 or commission	Feb. 1, 1898	
	To loop	12	–					
10	Inverness (loop wire)	8	–	Mary McAulay	Agent-operator.	$480 without commission	Aug. 1, 1908	
11	Strathlorne (Willow Bank)	3	–	Miss Jean McLean	Agent-operator.	$50 or commission	Nov. 1, 1908	
12	Mabou	9	–	Mrs. M. McDonald	Agent-operator.	$168 without commission.	April 1, 1887	
13	Port Hood	10	–	D. J. McDonald	Agent-operator.	$100 or commission	July 1, 1903	
14	Smith's Id. (on loop)	2¼	1	R. Smith	Agent-operator.	$50 or commission	Nov. 1, 1907	

15	Henry Id. (on loop)	2	1½	Miss C. McLennan	Agent-operator	$50 or commission	Nov. 8, 1907	
	To Port Hood	4¼	2½					
16	Judique	10	–	Mrs. S. McDonald	Agent-operator	$50 or commission	July 1, 1904	
17	Craignish (Craigmore)	8	–	Mary K. Cameron	Agent-operator	$50 or commission	Nov. 1, 1903	
18	Port Hastings	10	–	Mrs. A. Petrie	Agent-operator	$50 or commission	Aug. 2, 1912	
19	Hawkesbury	3¾	–	Mrs. E. M. McDonald	Agent-operator	$324 without commission.	Nov. 1, 1903	
	Total	166½	5					

Miles of wire, 166½; miles of cable,; 5 miles of pole line, 150.

HAWKESBURY-SCATARIE ISLAND SECTION.

0	Hawkesbury	0	0	*See* Bay St. Lawrence Line.				
1	Cleveland	8	–	Mrs. W. E. Morrison	Agent-Operator	$50 or commission	Nov. 17, 1915	The commission is 25 p. c. of the Government line tolls, and is guaranteed to amount to not less than $50 per annum. Where 50 p.c. commission is paid there is no guarantee as to amount.
2	Grand Anse	10	–					Closed March 1, 1918.
3	River Bourgeois	8	–					Closed August 31, 1919.
4	St. Peters	6	–	J. E. Campbell	Agent-operator	$100 or commission	June 30, 1912	Main battery at St. Peters.
5	Rockdale	4	–	Evelyn Lafford	Agent-operator	$50 or commission	April 26, 1913	
	To loop	2¾	–					
6	L'Ardoise (loop)	½	–	M. E. Sampson	Agent-operator	$50 or commission	Mar. 20, 1912	
7	Grand River	7	–	Mrs. A. Finlayson	Agent-operator	$200 or commission	June 1, 1903	Repeating office.
8	L'Archeveque	6	–	Mrs. Wm. Kemp	Agent-operator	$50 or commission	June 1, 1912	
9	St. Esprit	7	–	Mrs. J. D. Morrison	Agent-operator	$50 or commission	Sept. 1, 1906	
10	Framboise	7	–	Mrs. K. A. Strachan	Agent-operator	$50 or commission	Nov. 5, 1914	
11	Fourchu	6	–	D. A. McLean	Agent-operator	25 p.c. commission	Nov. 1, 1913	
12	Gabarus Lake	8	–	Mrs. H. McDonald	Agent-operator	$50 or commission		
	To loop	8	–					
13	Gabarus (loop)	3	–	Christina A. Grant	Agent-operator	$480	June 16, 1904	Repeating office. Automatic repeaters for North Sydney line. $3 per month in winter for attending fire. Rent allowance $75 per annum.
14	Louisburg	11	–	D. S. Hooper	Agent-operator	$600	Sept. 1, 1920	
15	Big Lorraine	3	–	M. P. Dowd	Agent-operator	25 p.c. commission	Jan. 15, 1913	
16	Little Lorraine	4	–	Rosie Gallant	Agent-operator	25 p.c. commission	April 1, 1915	
17	Baleine	2	–	Mrs. H. Leahy	Agent-operator	25 p.c. commission	July 1, 1913	This section of line changed from telegraph to telephone, June 19, 1912.
18	Main-à-Dieu	4	–	Mrs. Jas. MacDougall	Agent-operator	25 p.c. commission	Feb. 4, 1912	
	To cable	1	–					
19	Scatarie Island West	–	3½					Closed.
20	East Harbour Scatarie	3½	–	Jas. Wadden	Agent-operator	25 p.c. commission		
21	East Scatarie	3¾	–	Mrs. T. Nearing	Agent-operator	25 p.c. commission	May 20, 1912	
		123½	3½					

Miles wire, 123½; miles cable, 3½; poles, 121¾ miles.

BADDECK-NYANZA-N.E. MARGAREE SECTION (Telephone Line).

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
	Baddeck Telegraph Office	0	0					*See* Baddeck-Little Narrows line. On poles of Baddeck-Little Narrows line.
	Nyanza (1 mile West of Junction)	7	–					
1	West Side (Lower)	5	–	Thos. McRae	Agent operator	25 p.c. commission	Sept. 2, 1914	
2	Middle River	3½	–	Rod Nicholson	Subscriber	$9 rental	Feb. 17, 1919	
3	Upper Middle River	1½	–	Duncan McLennan	Agent-operator	25 p.c. commission	Sept. 3, 1914	
4	Finlayson	4	–	A. J. McInnes	Agent-operator	25 p.c. commission	April 1, 1918	
5	Harvard Lake	4	–	J. R. Miller	Agent-operator	25 p.c. commission	Mar. 27, 1917	
6	N.E. Margaree	4	–	M. M. Murphy	Subscriber	$13.50 rental	Jan. 23, 1919	
	(½ mile loop)	2	–	P. P. Hannington	Subscriber	$9 rental	Mar. 27, 1919	
7	N.E. Margaree Telegraph Office	2	–					*See* N.E. Margaree-Big Intervale Line Switching office.
		Wire, 33; poles, 25½.						

BADDECK-LITTLE NARROWS-WASHABUCK-GRASS POND SECTION (Telephone Line).

1	Baddeck Telegraph Office	0	0					*See* North Sydney-Meat Cove line. Section.
2	Baddeck, McDonalds	2	–	Alex. Y. McDonald	Accommodation	25 p.c. commission	Mar. 26, 1917	
3	Nyanza	6	–	Mrs. M. McRae	Agent-operator	25 p.c. commission	Sept. 2, 1914	
4	Middle River Indian Reservation	1	–	J. R. McRae	Agent-operator	25 p.c. commission	Dec. 21, 1915 and May 1, 1918	
5	St. Patrick's Channel, North Side	1	–	Murdoch Matheson	Agent-operator	25 p.c. commission	Sept. 8, 1914	
6	Bucklow	4	–	Malcolm Matheson	Agent-operator	$50 or commission	Oct. 8, 1914	
	To Cable Landing	5½	–					
7	Little Narrows	–	¼	D. B. McKay	Agent-operator	25 p.c. commission	Sept. 10, 1914	
8	Washabuck Bridge	6	–	J. D. McRitchie	Agent-operator	25 p.c. commission	Sept. 11, 1914	
	Washabuck Govt. Wharf	1	–					Closed Jan. 1, 1918.
9	Washabuck Centre	5	–	Alex. McNeil	Agent-operator	25 p.c. commission	July 16, 1914	
10	Gillis Point East	3	–	J. R. Morrison	Agent-operator	25 p.c. commission	Sept. 21, 1915	
11	McNeil's Vale	¾	–	D. E. McNeil	Agent-operator	25 p.c. commission	Sept. 21, 1915	
12	Gillis Point	2½	–	M. A. McNeil	Agent-operator	25 p.c. commission	Sept. 21, 1915	
13	Grass Pond	1½	–	N. M. McNeil	Agent-operator	25 p.c. commission	Sept. 21, 1915	
		Wire, 39¼; poles, 39¼; cable, ¼ knot.						

INVERNESS-STRATHLORNE-SCOTTSVILLE SECTION (Telephone Line).

	Inverness	0	0	*See* Bay St. Lawrence-Hawkesbury Section.				
1	Strathlorne	2½	–	D. A. Campbell	Agent-operator	25 p.c. commission	Jan. 16, 1918	
2	Kenloch	1½	–					Closed May 25, 1920.
3	North Lake Ainslie	3¼	–	Neil McDonald	Agent-operator	25 p.c. commission	Nov. 3, 1915	
4	North Ainslie	2½	–	J. J. Dunbar	Agent-operator	25 p.c. commission	Dec. 30, 1913	
5	Scottsville	2	–	*See* S.W. Margaree Orangeville Line				Switching office for S.W. Margaree-Whycocomagh line.
		Wire, 11¾; poles, 11¾.						

NORTH EAST MARGAREE-BIG INTERVALE SECTION (Telephone Line).

1	N.E. Margaree	0	J. M. Smith	Agent-operator	25 p.c. commission	Dec. 30, 1913	Switching office for Middle River and Baddeck line.
2	N.E. Margaree Telegraph Office	1	M. Ross	Agent-operator	25 p.c. commission	Dec. 30, 1913	
3	Frizzleton (Main Line)	2	C. Carmichael	Subscriber	$9 rental	Dec. 31, 1918	
4	Frizzleton (1 mile spur)	1	Horton E. Ross	Subscriber	$9 rental	June 5, 1919	
5	Frizzleton (Ross extension)	½	S. A. Fraser	Subscriber	$9 rental	Jan. 7, 1920	
6	Frizzleton (all spur)	1	Richard Austin	Subscriber	$9 rental	Jan. 7, 1920	
7	Frizzleton Main Line	1	Ralph McPherson	Agent-operator	25 p.c. commission	Nov. 3, 1915	
8	Frizzleton ½ Mile Spur	2½	Alfred McDonald	Subscriber	$9 rental	Sept. 15, 1920	
9	Frizzleton Main Line	2	Miss M. J. Macdonald	Subscriber	$9 rental	Sept. 15, 1920	
10	Rivulet (all spur)	¼	Geo. McDearmid	Subscriber	$9 rental	Jan. 7, 1920	
11	Govt. Fish Hatchery	2	D. McDearmid	Agent-operator	25 p.c. commission	Dec. 20, 1912	
12	Kingross (Main Line)	2¾	D. W. Murray	Subscriber	$9 rental	June 3, 1919	
13	Big Intervale (Main Line)	1¼	Roy McKenzie	Agent-operator	25 p.c. commission	Dec. 30, 1913	

Wire, 17¼; Poles, 17¼.

WHYCOCOMAGH-BUCKLOW (Telephone Line).

	Whycocomagh Telegraph Office	0	*See* S.W. Margaree-Whycocomagh Line				Switching office for S.W. Margaree.
1	Whycocomagh Bay	3½	A. McLeod	Agent-operator	25 p.c. commission	Mar. 26, 1917	
2	Whycocomagh, North Side	1	N. Matheson	Subscriber	$9 rental	April 8, 1920	
3	Whycocomagh	½	J. D. McFadden	Accommodation	25 p.c. commission	Jan. 22, 1914	
	Little Narrows Road Jct	2					1½ miles to Little Narrows cable.
	Bucklow	4	*See* Bucklow-Grand Narrows-Grass Pond line.				Switching office for Baddeck and Washabuck line.

Wire, 11; Poles, 11.

SOUTHWEST MARGAREE-WHYCOCOMAGH-ORANGEDALE SECTION (Telephone Line).

1	S.W. Margaree Telegraph Office	0	*See* Bay St. Lawrence-Hawkesbury Section.				
2	S.W. Margaree	2	A. S. McDougall	Agent-operator	25 p.c. commission	Dec. 30, 1913	
3	Scottsville	6	L. E. McKay	Agent-operator	25 p.c. commission	Dec. 30, 1913	Switching office for Inverness line.
4	East Lake Ainslie	4	D. McKinnon	Agent-operator	25 p.c. commission	Dec. 30, 1913	
5	East Lake Centre	4½	Howard McKinnon	Agent-operator	25 p.c. commission	Jan. 16, 1917	
6	Trout River	3½	L. A. McKay	Agent-operator	25 p.c. commission	July 1, 1917	
7	South Lake Ainslie	3½	J. R. McMillan	Agent-operator	25 p.c. commission	Jan. 22, 1914	
8	Ainslie Glen Branch	2	D. McNeil	Agent-operator	25 p.c. commission	Jan. 22, 1914	
9	Stewardale	3	D. H. McDonald	Agent-operator	25 p.c. commission	Jan. 22, 1914	
10	Whycocomagh	2	H. N. McDonald	Subscriber	$9 rental	Oct. 2, 1918	
11	Whycocomagh Telegraph Office	–	Angus McLeod	Agent-operator	25 p.c. commission	Jan. 22, 1914	Switching office for Bucklow line.
12	Iron Mines	4					Closed Nov., 1918.
13	Orangedale	4					Closed April 13, 1918.

Wire, 38½; Poles, 38.

NORTH SYDNEY-ESKASONI-GRAND NARROWS SECTION.

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
	North Sydney	0						
1	Leitches Creek	3½		J. D. McCormack	Agent-Operator	$50 or commission	Feb. 28, 1913	
2	Steel's Crossing (Loop)	24		Ronald Campbell	Agent-operator	$50 or commission	July 24, 1915	
3	French Vale (5¼ on Gabarus poles)	7½		D. T. McKay	Agent-operator	$50 or commission	Nov. 29, 1915	
4	Gillis Lake	5		Margaret McLean	Agent-operator	$50 or commission	July 13, 1913	
5	East Bay	4		Miss M. L. McNeil	Agent-operator	$50 or commission	Aug. 1, 1913	
6	McAdam's Lake (Loop)	5		Miss Lena McInnis	Agent-operator	$50 or commission	Nov. 1, 1919	
7	North Side East Bay	6		Jas. J. Gillis	Agent-operator	$50 or commission	Jan. 15, 1907	
8	Eskasoni	5		Rose McAdam	Agent-operator	$50 or commission	May 31, 1916	
9	Castle Bay	6		Miss C. McInnes	Agent-operator	$50 or commission	Aug. 18, 1912	
10	Benacadie Pond	5		J. N. McNeil	Agent-operator	$50 or commission	Mar. 20, 1909	
11	Benacadie	5		G. Farrell	Agent-operator	$50 or commission	Mar. 20, 1909	
12	Piper's Cove	2		Katie McNeil	Agent-operator	$50 or commission	Mar. 20, 1909	
13	Grand Narrows	4		M. L. McNeil	Agent-operator	$50 or commission	May 1, 1910	

Wire, 82; Poles, 64¾.

LITTLE BRAS D'OR-ALDER POINT-SYDNEY MINES SECTION.

1	Little Bras d'Or	0	0	*See* Meat Cove section				
2	Alder Point (Loop)	5	–	Mrs. Maud Stubbert	Agent-operator	$50 or commisson	day 7, 1919	The commission is 25 p.c. of the Government line tolls guaranteed to amount to not less than $50 per annum.
3	Florence	5	–				Vacant.	
4	Sydney Mines (Loop)	2½	–	Miss M. Hall	Agent-operator	25 p.c. commission	June 4, 1920	
5	North Sydney	3	–	*See* Meat Cove section.				

Wire, 15½; poles, 11¾.

NORTH SYDNEY-BOULARDERIE-BIG BRAS D'OR SECTION.

	Little Bras d'Or	0	0	*See* Meat Cove section.				
1	Groves Point	3	–	Rod Campbell	Agent-operator	$50.00 or commission	Dec. 18, 1912	1 mile on M.C. poles.
2	Black Brook	3	–	Neil McNeil	Agent-operator	$50.00 or commission	Feb. 14, 1917	
3	Boularderie West	4	–	M. R. McIntyre	Agent-operator	$50.00 or commission	Jan. 1, 1907	
4	S.S. Boularderie	3	–	Donald McRae	Agent-operator	$50.00 or commission	Jan. 1, 1907	
5	Point Clear	4	–	Mrs. J. M. McDonald	Agent-operator	$50.00 or commission		
6	Upper Kempt Head	7	–	Chas. Kemp	Agent-operator	$50.00 or commission		
7	Ross Ferry	6½	–	Mrs. J. F. McKenzie	Agent-operator	$50.00 or commission	Oct. 1, 1911	
8	Boularderie Centre	6	–	Mrs. J. B. McKenzie	Agent-operator	$50.00 or commission	Oct. 6, 1904	
9	Big Bras d'Or	7½	–	*See* Meat Cove line.				

Wire, 44; poles, 43.

GRAND NARROWS-SHENACADIE-BEAVER COVE SECTION (Telephone Line).

1	Grand Narrows Hotel	0	0	E. A. McNeil	Agent-operator	25 p.c. commission	Oct. 10, 1916	
2	Grand Narrows Telegraph Office	1	–	H. C. McNeil	Agent-operator	$50 or commission	April 21, 1915	
3	Christmas Island	2	–	Rev. A. R. McDonald	Agent-operator	25 p.c. commission	June 12, 1918	Wire from Grand Narrows.
4	Big Beach	3½	–	P. M. McDonald	Agent-operator	25 p.c. commission	June 12, 1918	Hotel to telegraph office on poles of
5	Big Beach Shenacadie	2	–	A. McDougal	Agent-operator	25 p.c. commission	June 16, 1915	Eskasoni telegraph line.
6	Shenacadie	1½	–	J. P. McKinnon	Agent-operator	25 p.c. commission	Nov. 9, 1914	
7	Beaver Cove	7	–	Don. McNeil	Agent-operator	25 p.c. commission	Nov. 9, 1914	

Wire, 17; poles, 16.

BROOK VILLAGE-GLENDALE SECTION (Telephone Line).

1	Brook Village	0	0	D. C. McKay	Agent-operator	25 p.c. commission	March 7, 1917	
2	Brook Village Telegraph Office	1	–	Leo Jamieson	Agent-operator	$100	Dec. 13, 1915	Wire from McKays to telegraph office,
3	Mull River	4	–	D. S. McDonald	Agent-operator	25 p.c. commission	Dec. 13, 1915	Brook village, on poles of Strathlorne
4	Mitchells Farm	3	–	Jno. McDonnell	Agent-operator	25 p.c. commission	Nov. 7, 1918	telegraph line.
5	Glencoe Mills	3	–	Dan. H. McDonnell	Agent-operator	25 p.c. commission	Dec. 13, 1915	
6	Upper Glencoe	5	–	Hugh McEachern	Agent-operator	25 p.c. commission	Dec. 13, 1915	
7	Melford	3	–	Mrs. Flora McDonald	Agent-operator	25 p.c. commission	Sept. 16, 1916	
8	River Dennis	3	–	John A. Cameron	Agent-operator	25 p.c. commission	Dec. 13, 1915	
9	Glendale	9	–	Alex. H. Boyd	Agent-operator	25 p.c. commission	Dec. 13, 1915	

Wire, 31; poles. 30.

NORTH SYDNEY-GABARUS SECTION.

	North Sydney		0					
1	Leitches Creek	3½	0	*See* Eskasoni-Grand Narrows Section.				
2	Balls Creek	5½	–				Closed Apr. 1, 1913	
3	Marion Bridge	17½	–	Austin Morrison	Agent-operator	$50 or commission	Aug. 2, 1912	
4	Gabarus (Hawkesbury pole line 3 miles)	12	–	*See* Hawkesbury line.				

Wire, 38½; poles, 35½.

GRAND RIVER-GABARUS SECTION.

	Grand River	0	0	*See* Hawkesbury line.				
	To Loop	7	0					
1	Grand River Falls (Loop)	3	0	Mrs. R. J. McLeod	Agent-operator	$50 or commission	Aug. 4, 1916	
2	Loch Lomond	5½	–	Evelyn C. McLeod	Agent-operator	$50 or commission	Oct. 20, 1919	
3	Enon	4	–	Arch. D. Morrison	Agent-operator	$50 or commission	Mar. 21, 1912	
4	Big Glen	5	–	R. McVicar	Agent-operator	$50 or commission	Jan. 21, 1915	
5	Salmon River	11	–	Mrs. C. F. McDonald	Agent-operator	$50 or commission	Aug. 4, 1914	
6	Victoria Bridge	8	–	Mrs. A. McKinnon	Agent-operator	$50 or commission	Oct. 18, 1910	
7	Gabarus	5	–					
	(North Sydney line poles 2½ miles)			*See* Hawkesbury line.				

Wire, 48½; poles, 44½.

CAPE BRETON LINES

Divisions and mileage of General Lineman

No.	Office	Intermediate Mileage Wire	Intermediate Mileage Cable	Name	Postion	Rate per Annum	Date of Appointment	Memo
	Inverness			P. A. Doyle				
	Meat Cove-Inverness	104¼	104¼			$900.00	Feb. 1, 1912	
	N.E. Margaree—Big Intervale	14½	14½					
	N.E. Margaree—County Line	7	7					
	S.W. Margaree—East Lake Ainslie and Wyhcocomagh	30½	30½					
	Inverness—Scottsville	11¾	11¾					
		Wire, 168: poles, 168.						
	Port Hastings			J. F. McMillan		$900.00	May 17, 1910	
	Inverness—Hawkesbury	53¾	53¾					
	Port Hood Islands	8½	8½					
	Strathlorne—Brook Village							
	Wycocomagh—Orangedale	8	8					
	Wycocomagh—Little Narrows	8	8					
	Brook Village—Glendale	32	32					
	Bucklow—Little Narrows to Washbuck and Grass Pond	25½	25½					
		Wire, 169¼: poles, 169¼.						
	North Sydney			Joseph Logue		$900 00	Jan. 1, 1906	
	North Sydney—Big Bras d'Or	12½	12½					
	North Sydney—Leitches Creek	5¾	5½					
	Leitches Creek—Steeles Crossing	28	14					
	North Sydney—Eskasoni and Narrows	53	47¼					
	North Sydney—Alder Point and Little Bras d'Or	14	12					
	Eskasoni—Line loop to McAdams Lake	5	2½					
	Little Bras d'Or—Boularderie and Big Bras d'Or	44	44					
	Little Bras d'Or—Boularderie and Big Bras d'Or	44	44					
	Grand Narrows—Beaver Cove	17	17					
		Wire, 179¼: poles, 155.						
	Baddeck, Victoria County			G. B. Dunlop		$900.00	Oct. 28, 1914	
	Meat Cove to Big Bras d'Or, including Baddeck loop line (18 miles)	168¾	150¾					
	Bay St. Lawrence—Money Point	8	8					
	Heils Harbour—White Point	6¼	6¼					
	South Gut to Monroes Point (loops)	10	5					
	Baddeck—Nyanza—Upper Middle River—County line	25	25					

Baddeck—Nyanza, 2nd Wire	8	–					
Nyanza—Bucklow—LittleNarrows Road	10	10					
	Wire, 236: poles, 205.						
Louisburg			D. S. Hooper		$900.00	July 12, 1912	
Sydney—Gabarus	25	25					
Gabarus—Fourchie	16	16					
Gabarus—Enon	11	11					
Louisburg—Gabarus	11	11					
Louisburg—Scatarie	25	25					
	Wire, 106: poles, 106.						

Tariff rate tolal offices in Cape Breton—20 and 1 from North Sydney.

Rate to all offices on Cape Breton lines 20 and 1 from North Sydney, C.B.

CAPE SABLE SECTION

1	Barrington	0					This lie has been leased to the Barrington Telephone Company on August 12, 1897. The lease is terminable at any time.
2	Newelton (includihg 1½ knots cable)	11					
3	Capee Sable Island lighthouse (including ¼ mile cable)	6¾					
		17¾					

EAST COAST SECTION

N.B.—In connection with the Signal Service, a land line, 208 miles in length, was erected in 1881, between Canso and Halifax, for a bonus of $16,000, and is maintained and operate by the Western Union Telegraph Company, without further cost to the Government.

Omitteded from previous reports

The following cable connections were completed by the S.S. "Tyrian" in 1914:

		Knots of Cable
May 16	Prospect Point to Near Seal Island, D.S.	15.38
	Shore End at Seal Island	0·26
May 18	Point Purgatory to Cape Negro Island, D. S	1·21
	Cape Blanche to Half Moon Island, D.S.	1·43

CHATHAM-ESCUMINAC, N.B., (Telephone Line).

No.	Office	Intermediate Mileage		Name	Position	Rate per Annum	Date of Appointment	Memo
1	Chatham	0	0	G.N.W. Telegraph Co.	Agent		May 30, 1920	Miss Sivewright resigned.
	Chatham			M. Ramsay	Lineman	$900.00	Aug. 25, 1913	
2	Lower Nappan	7	–	Wallace Campbell	Agent-operator	25 p.c. commission	Oct. 1, 1913	
3	Point au Carr	4	–	E. H. Russell	Agent-operator	25 p.c. commission	Oct. 1, 1913	
4	Victoria	3	–	Jas. McDonald	Agent-operator	25 p.c. commission	Oct. 1, 1913	
5	Hexham	1	–	M. J. McDougall	Agent-operator	$50.00 or commission	July 1, 1904	
6	Bayside	2	–	H. T. Smith	Agent-operator	25 p.c. commission	Oct. 1, 1918	
7	Baie du Vin	2	–	S. B. Williston	Agent-operator	$50.00 or commission	Oct. 1, 1913	
8	Hardwicke	7	–	Mrs. M. Bremner	Agent-operator	$50.00 or commission	Aug. 1, 1891	
9	Bay Ste. Anne	7	–	A. Savoie	Agent-operator	25 p.c. commission	Nov. 1, 1913	
10	Escuminac	3	–	D. Lewis	Agent-operator	$50.00 or commission	Sept. 1, 1885	
11	Point Sapin	8½	–	Peter Robichaud	Agent-operator	25 p.c. commission	Oct. 1, 1913	
12	Paturels	1¾	–	E. Paturel	Accommodation		April 5, 1919	
13	Loggies	¼	–	W. S. Loggie & Co	Agent-operator	25 p.c. commission	Nov. 1, 1913	
14	Gionais	¼	–	A. Gionais	Accommodation		April 19, 1916	
15	Savoies	¼	–	Rev. N. B. Savoie	Agent-operator	25 p.c. commission	Oct. 1, 1913	
16	Lower Sapin	1¼	–	A. Mazerolle	Accommodation		Feb. 13, 1917	
17	"			H. A. Robichaud	Accommodation		Feb. 13, 1917	
18	Kouchibouguac	16	–	W. S. Loggie & Co	Agent-operator	25 p.c. commission	Aug. 28, 1919	
		64¾	–					
	2nd Wire Hardwicke to Point Sapin.	23¾	–					
		Wire, 88½; poles, 64¾.						
	Branches.							
	Hexham	0	0					
19	Little Branch	2	–	F. A. Fowlie	Agent-operator	25 p.c. commission	Jan. 19, 1917	
		2	–					
	Baie du Vin	0	0					
20	Baie du Vin Wharf	1	–	B. Williston	Agent-operator	25 p.c. commission	April 13, 1915	
21	Baie du Vin River	3½	–	E. D. Gulliver	Agent-operator	25 p.c. commission	June 5, 1919	
	½ mile on main line poles	4½	–					
	Main line east of Baie du Vin	0	–					
	Gregans P.O.	½	–	A. L. Gregans	Agent-operator	25 p.c. commission	Sept. 20, 1916	
		½	–					
	Hardwicke	0	–					
22	Willistons	¾	–	B. Williston	Agent-operator	25 p.c. commission	Dec. 27, 1917	
		¾	–					

23	Eel River	3½	–	E. Theriault	Agent-operator	25 p.c. commission	April 15, 1919	Transferred from H. Schoefild's residence.
24	Azayouf	½	–	C. Azayouf	Agent-operator	25 p.c. commission	April 13, 1915	
		4	–					
	Escuminac	0	–					
25	Point Escuminac	6¼	–	K. R. McLennan	Agent-operator	$50 or commission	Nov. 1, 1893	
26	Lower Escuminac	4	–	Louis Jimmo	Agent-operator	25 p.c. commission	April 13, 1915	
		10¼	–					

Wire, 21¾; poles, 21½.

Tariff rate to all offices on Chatham-Escuminac line—15 and 1.

GOVERNMENT TELEGRAPH SERVICE, BAY OF FUNDY, N.B.—GRAND MANAN AND CAMPOBELLO ISLANDS.

CABLE NO. 1.—TELEPHONE CIRCUIT.

	Grand Manan.							
1	Flaggs Cove to	Land lines-Cables.		J. R. Parker	Dist.-Supt	$600	May 14, 1912	
				A. Gilmore	Agent-operator	60	Dec. 1, 1894	
2	Long Eddy Hut	3	–					
3	Herring Cove Hut	–	12					
4	Welchpool Hut	4¾	–	E. G. Mitchell	Agent-operator	25 p.c. commission	May 1, 1905	
5	Dunn's Beach Hut	¼	–					
6	Bucknams Hd	–	1¾					
7	Eastport	1	–	Gov't. Branch Lines operated in conjunction with Grand Manan Telephone Co. as follows				
	Across Lubec Channel	–	¼					
	Flagg's Cove.							
8	Loop to Castalia Loop	2½	–					
	Exchange (1) (2) (3)	–	–					
	Castalia Ex	–	–					
	South Head	14¾	–					
		26¼	14					
	Branch.							
	Seal Cove to Cable Box	–	–					
9	Seal Cove	½	–					
10	Wood Island	1	1¼	E. P. Green	Agent-operator	25 p.c. commission	Nov. 7, 1910	
11	Wood Island	–	–	A. Wilcox	Agent-operator	25 p.c. commission		
12	Wood Island	–	–	C. Wilcox	Agent-operator	25 p.c. commission		
13	Little W. Island	1	¾	Eugene Wilcox	Agent-operator	25 p.c. commission	Nov. 1914	
14	L. S. Station Island	–	–	M. F. Dept	Agent-operator	25 p.c. commission	May 1914	
15	Three Sister Island	–	3¼	H. Ingalls	Agent-operator	25 p.c. commission	May 24, 1916	
16	Kent Island	1½	–	M. Ingalls	Agent-operator	25 p.c. commission	May 24, 1916	
	Kent Id. to Hay Id	–	¼					
17	Gannet Rock	¾	4½	M. and F. Dept	Agent-operator		Nov. 1910	
		4¾	10					
	Branch.							
	Seal Cove	–	–					
18	Mrs. Fraser's	¼	–	Mrs. R. Fraser	Agent-operator	$50	Jan. 1, 1906	
19	C. Russell	1	–	C. Russell	Agent-operator	25 p.c. commission	May 1916	
20	Deep Cove	1	–	C. Dalzell	Agent-operator	25 p.c. commission	June 1913	
21	South Head	3¼	–	T. Foster	Agent-operator	25 p.c. commission	Dec. 1, 1910	

GOVERNMENT TELEGRAPH SERVICE, BAY OF FUNDY, N.B.—GRAND MANAN AND CAMPOBELLO ISLAND—*Concluded.*

CABLE NO. 1.—TELEPHONE CIRCUIT—*Concluded.*

No.	Office.	Intermediate Mileage.		Name.	Position.	Salary per Annum.	Date of Appointment.	Memo.
	Branch.							
22	Grand Harbour.			C. A. Newton ...	Agent-operator.. ..	$75	April 1, 1887	
23	Grd. Hbr. Light	3¼	¼	M. and F. Dept..	Agent-operator .		1908	
24	Cheneys Island.....	1	¾	S. E. Russell..	Agent-operator..	25 p.c. commission...	Feb. 1, 1891	
25	White Head..	1½	¾	Mrs. H. Leary.	Agent-operator .	$50	July 1, 1910	
	Branch.							
	Woodwards Cove							
26	Nantucket	1	1	J. Moses.	Agent-operator.	25 p.c. commission	May 1, 1913	
27	Duck Island	¼	1¼	M. and F. Dept.	Agent-operator..		May 1, 1913	
		13	3¾					

CABLE NO. 2—TELEGRAPH CIRCUIT.

1	Flagg's Cove.	–	–	J. R. Parker.	Distr.-Supt.. ..	$600	May 14, 1912	
2	Whale Cove...	1 (Loop)		A. Gilmore	Repairer. .	60	Dec. 1, 1894	
3	Meadow Brook..	–	10¼					
4	Welchpool....	6¾	–	Mrs. E. G. Mitchell.	Agent-operator.	210 and commission.	May 1, 1905	
5	Dunns Beach Hut ..	¼						
6	Bucknams Head Hut....	–	1¾					
7	Western Union	1¼	–	W. H. DeLaney	Agent-operator .	200	Feb. 1, 1917	
	Flaggs Cove...	–	–					
8	Castalia Office	2½	–	Geo. E. Dalzell..	Agent-operator ..	25 p.c. commission	June 1, 1898	
9	Woodwards Cove.	3½	–	W. A. Fraser..	Agent-operator..	50 p.c. commission	Feb 28, 1893	
10	Grand Harbour .	2	–	C A. Newton.....	Agent-operator .	$75.	April 1, 1887	
11	Seal Cove . ..	4½	–	J. A. Ingersoll ..	Agent-operator .	75	Sept. 22, 1899	
		21¾	12					

(1) A separate wire leads from Castalia exchange to Seal cove from where it branches to Gannet rock making additional wire mileage of 9½
(2) Also to Grand harbour where it branches to Whitehead making an additional 5
(3) Also to Woodwards cove where it branches to Big Duck Island, making an additional 3
17½

Tariff between Campobello and Eastport 20 and 1: between Grand Manan and East port, 30 and 2: between Flaggs Cove and all other points, 20 and 1. Night letter rate, 20 for first 50words and each additional 10 words, 4 cents: days letter rate, first 50 words 30 and each additional 10 words, 6 cents.

Total, 65¾ Miles Pole Line; 77½ Miles Wire; 39¾ Miles Cable.

MAGDALEN ISLANDS SYSTEM.

1	Amherst Harbour	–	–	Miss J. Shea	Agent-operator	$100 and commission.	Oct. 1, 1882	The commission is 25 per cent on all business to and from the office in each instance; said commission guaranteed to be not less than at the rate of $50 per annum.
	To Loop	4½	–	Wm. Renaud	Lineman.	$180	June 9, 1908	
2	Aurigny (On Loop).	2¼	–	L. P. Gaudet	Agent-operator	50 or commission		
3	Amherst Lighthouse	2	–	Wm. Cormier	Agent-operator.	50 or commission	June 11, 1881	
	To Main Line	4½	–					
	To Cable	2¼	–					
	Cable		6½					
4	Etang du Nord Village	1½		H. Binet	Agent-operator	50 or commission	Dec. 1, 1900	
5	Etang du Nord Lighthouse (On Loop).	1½	–	N. Arsenault	Agent-operator	50 of commission	Sept. 1901	
	To Main Line	1½	–					
6	Grindstone	7		A. Arsenault.	Lineman	$672	Sept. 1, 1915	
7	Grindstone West	1	–	J. J. LeBourdais	District Superintendent	1,020	May 25, 1904	
				E. LeBourdais	Agent-operator and Assistant.	360	June 21, 1919	
	To Cable (On Loop)	¼	–					
	Cable (On Loop)		½					
8	House Harbour (On Loop)	2¼	–	C. Delaney	Agent-operator	50 and commission	June 1, 1888	
9	Pointe Basse (On Loop)	3	–	H. Arseneau	Agent-operator	50 or commission	Aug. 1, 1902	
10	South Beach (On Loop)	3	–	F. Boudreau	Agent-operator	50 or commission	Aug. 1, 1919	
	To Main Line	8½						
	Cable	–	½					
	To Loop.	2¼	–					
11	Cap Verte (On Loop)	¼	–	J. Richard	Agent-operator	50 or commission.	Oct. 1, 1914	
	To Main Line	¼	–					
12	Wolfe Island	12		D. Hebert.	Agent-operator	25 p.c. commission		
13	Grosse Isle.	11¼	–	N. Clarke	Agent-operator	$600	June 1, 1888	
				J. Quinn	Operator	430	Dec. 1, 1902	
				S. Clarke.	Lineman	180	April 1, 1912	
14	Old Harry.	9	–	Lottie V. Clarke.	Agent-operator	$ 50 or commission	Mar. 8, 1907	
15	Grand Entry	5¼	–	F. B. Poirier.	Agent-operator	25 p.c. commission	June 1, 1920	
16	Grand Entry Point	–	–					
17	Grande Ruisseau.	–	–	A. Arseneau.	Agent-operator	25 p.c. commission.		
18	Etang des Caps	–	–	E. Gallant.	Agent-operator	25 p.c. commission.	Dec. 1, 1918	
19	Muck Cove.	–	–	C. Doyle	Agent-operator	25 p.c. commission.	Dec. 1, 1918	
	Cable Connections	–	–					
	Grosse Isle.	–	–					
	Old Harry (Wire Only)	9	–					
	Bryon Island.	–	11					
20	Bryon Island East	1		C. Dingwall	Agent-operator	$150	Jan. 1, 1903	
21	Bryon Island Lighthouse	3½		Ed. Richard.	Agent operator	50	Nov. 1, 1918	
	Amherst.	0						
	Entry Island.	–	6¼					
22	Entry Island Lighthouse	2	–	E. Chenell.	Agent-operator	15		
	Old Harry	–	–					
	Meat Cove (Cape Breton)	–	55					
	Total	102	80¼					

Rate to all offices on Magdalen Island 60 and 4 from North Sydney, Cape Breton.

ANTICOSTI TELEGRAPH SYSTEM.

No	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
1	Fox Bay	0	–					Closed Aug. 5, 1909.
2	Heath Point	2	–	C. Hubert	Operator	$276	Aug. 1, 1900	Increased to $276, April 1, 1919.
3	South Point Lighthouse	32½	–	E. Laprise	Operator	276	July, 1, 1903	Increased to $276, April 1, 1919.
4	Shallop Creek	17½	–	P. Duguay	Lineman	792	Aug. 1, 1918	Increased to $792, April 1, 1919.
5	Salt Lake	52½	–					
6	Southwest Pt. Lighthouse	15	–	L. Lemieux	Operator	792	Dec. 1, 1918	Increased to $792, April 1, 1919.
				B. A. Lemieux	Operator	408	July 1, 1919	
	Jupiter River	7	–					
	Otter River	17½	–					
	Beesie River	22	–					
7	Cape Eagle (Ellis Bay)	10	–	Jos. Duguay	Operator	792	June 20, 1906	Increased to $792, April 1, 1919.
8	West Point Lighthouse	9	–	Alf. Malouin	Dist. Supt	576	Aug. 1, 1900	
				Alf. Malouin	Operator	276	Aug. 10, 1881	Increased to $276, April 1, 1919.
				L. Malouin	Operator	792	June 1, 1907	Increased to $792, April 1, 1919.
9	English Bay	3	–	P. H. Vincent	Operator	792	Jan. 1, 1919	Increased to $792, April 1, 1919.
				H. Malouin	Lineman	792	Sept. 10, 1909	Increased to $792, April 1, 1919, From Mechastic Bay to South West Point.
	Mechastic Bay (cable landing)	14½	–					
	Total	223½	–					
10	L'Anse a Fougere	–	–	Thos. Dupuis	Agent	17		Special allowance for cable terminus. A testing office only.
11	Gaspe Basin	28	–	J. J. Annett	Operator	960	Increased to $960, April 1, 1919.	Transfer office. Connection with Great North Western Telegraph System.
		28	–					

Rate to all offices on Anticosti Island 60 and 4 from Gaspe, Que.

Southwest Point connects with L'Anse a Fougere, Gaspe, by cable, 41¼ knots; and from Mechastic Bay connection is made with Long Point of Mingan, by cable, 21 knots.

MURRAY BAY—BERSIMIS WEST SECTION.

1	Murray Bay	0	–	Mrs. F. Vincent	Agent-operator	$ 276	April 1, 1885	
2	Cap a l'Aigle	4	–	Miss J. Breher	Agent-operator	100	Sept. 1, 1918	
3	St. Fidele	6	–	R. Dallaire	Agent-operator	50 or commission.	April 1, 1912	
			–	A. Villeneuve	Lineman	554	Feb. 1, 1913	
4	Port au Persil	7	–	Miss W. McLaren	Agent operator	50 or commission	June 1, 1919	
5	Cape Salmon Light (loop)	2	–	J. Bouchard	Agent operator	50 or commission	April 1, 1910	
6	St. Simeon	4	–	J. Tremblay	Agent operator	100 and 25 p.c. commission	Mar. 6, 1917	
7	Baie des Rochers	12	–					Closed Oct. 19, 1919.
8	St. Catharines Bay	18	–	Miss G. Boulianne	Agent-operator	324	Nov. 6, 1918	
	To Cable Landing	½	–	G. Boulianne	Lineman	564	Nov. 1, 1886	
	2 Cables,		2¼					
9	Tadoussac	1	–	Eug. Caron	Agent-operator	576	Nov. 1, 1888	
10	Bergeronnes	10	–	Mde. M. Savard	Agent-operator	50 or commission	April 1, 1885	

11	Bon Desir	5	–	Mde. E. Gauthier	Agent-operator	50 or commission	Aug.	1, 1904	
12	Escoumains	12	–	J. L. Boucher	Agent-operator	50 or commission	July	1, 1920	
13	Sault au Mouton	14	–	J. E. Lavoie	Agent-operator	50 or commission	July	1920	
13	Sault au Mouton	14	–	J. E. Lavoie	Agent-operator	50 and 25 p.c. commission	July	1920	
14	Mille Vaches	2	–	Mde. L. Puize	Agent-operator	50 or commission	Aug.	1, 1907	
15	Portneuf Light	11½	–	Leandre Bouchard	Agent-operator	50 or commission	July	1, 1890	
			–	E. Courbron	Lineman	564	April	1, 1888	
16	Hamilton Cove	1	–						Closed.
17	Sault au Cochon	7	–						Closed.
18	Bersimis West	31	–	Mrs. F. Miller	Agent-operator	50 or commission		1909	
			–	E. Pope	District Supt	2,400	April	1, 1885	Including general accounting and supervision of stores at Quebec.

Miles wire, 148; cable 2¼ knots; poles 147.

CHICOUTIMI-TADOUSSAC SECTION.

1	Chicoutimi	0	0	J. D. Villeneuve	Inspector	$1,044	April	1, 1906	
				T. Villeneuve	Agent-operator	$888	April	1, 1907	
				S. Lavoie	Operator	$720	Nov.	1, 1914	
				A. Laberger	Messenger	$156	Aug.	1, 1920	
				M. Desbiens	Janitress	$72	Aug.	1, 1906	
				J. Fortin	Lineman	$564	June	1, 1897	
2	Ste. Anne	2½	–	Miss A. Gauthier	Agent-operator	$50 or commission	Feb.	1, 1909	
				P. Gauthier	Lineman	$480	Feb.	1, 1904	
3	St. Fulgence	8	–	A. Bergeron	Agent-operator	$50 or commission	Sept.	12, 1919	
4	Lac Laurent	8	–						Closed.
				J. Brisson	Lineman	$480	June	1, 1906	
5	Descente des Femmes	9	–	Aug. Villeneuve	Agent-operator	$50 or commission	April	1, 1906	
6	Ste-Marguerite Depot	34	–	E. Simard	Agent-operator	$50 or commission	Aug.	1, 1909	
7	Ste-Marguerite	2	–	Alex. Savard	Agent-operator	$50 or commission	Mar.	15, 1912	
8	Sacre Coeur	8	–	Miss L. Maltais	Agent-operator	$50 or commission	April	1, 1906	
				H. Gravel	Lineman	$480	April	1, 1906	
9	Tadoussac West	11½	–						Closed.
	Tadoussac	1	–	Eugene Caron	Agent-operator				*See* Murray Bay-Bersimis section.
		Wire,	84;	poles,	84.				

CHICOUTIMI-LAKE CLAIR SECTION.

1	Chicoutimi	0	0						
	Ste. Anne	2½	–						*See* Tadoussac section.
	Range 6	3	–						Closed.
	Lac Charles	3	–						Closed.
	Lac Clair	4	–						Closed.
		12½	–						

BAIE ST. PAUL—CHICOUTIMI SECTION.

No	Office.	Intermediate Mileage. Wire.	Cable	Name	Position.	Rate per Annum.	Date of Appointment.	Memo.
1	Baie St. Paul	0	0	F. Boivin	Agent-operator	$120 and 25p.c. commission	April 1, 1885	
2	St. Urbain	9	–	J. B. Simard	Agent-operator	$50 or commission		
				A. Gauthier	Lineman	$480	July 1, 1912	
3	La Galette	37	–	..				Closed.
4	Ferland	27½	–	..				Closed.
5	St. Alexis	10	–	Mrs. D. Simard	Agent-operator	$75	Nov. 1, 1899	
6	St. Alphonse de Bagotville	3	–	Mrs. C. Leveque	Agent-operator	$150	June 1, 1906	
	Chicoutimi	11½	–	..				*See* Tadoussac section.
		Wire, 98; poles, 98.						
	Branch Line.							
	St. Alexis	10	–					
7	St. Felix d'Otis	10	–	Jos. Thibault	Agent-operator	$50 or commission	Jan. 1, 1920	
8	L'Anse St. Jean	30	–	Eric Degagne	Lineman	$564	Sept. 1, 1903	
9	Petit Saguenay	8	0	N. Tremblay	Agent-operator	$50 or commission	Sept. 1, 1903	
10	Anse Cheval	6	–					Closed.
11	St. Etienne	7	–					Closed.
	St. Catherines Bay	17	–					*See* Murray Bay section.
		Wire, 78; poles, 78.						

BAIE ST. PAUL—MURRAY BAY SECTION.

1	Baie St. Paul	0	0	T. Boivin				*See* Chicoutimi section.
2	St. Hilarion	15	–	N. Coulombe	Agent-operator	$50 or commission	Sept. 1, 1909	
3	St. Antoine	5	–	T. Perron	Agent-operator	$50 or commission	Sept. 1, 1915	
4	St. Agnes	9	–	J. Pilote	Agent-operator	$50 or commission	July 1, 1913	
5	Murray Bay	8	–	Mrs. F. Vincent				*See* Chicoutimi section.
		Wire, 37; poles, 37.						

BAIE ST. PAUL—PETITE RIVIERE.

	Branch.							
1	Baie St. Paul	0	–	F. Boivin				*See* Chicoutimi section.
2	Petite Riviere (St. François)	13	0	L. J. Bouchard	Agent-operator	$50 per annum	Mar. 31, 1914	
		Wire, 13; poles, 13.						

BAIE ST. PAUL–ST. PLACIDE.

	Branch.							
1	Baie St. Paul	0	0	F. Boivin				*See* Chicoutimi section.
2	St. Placide	8½	–					Closed April, 1919.
		Wire, 8½; poles, 8½.						

CHICOUTIMI–PERIBONKA SECTION.

1	Chicoutimi	0	0					
2	Rivière au Moulin	1	0	A. T. Villeneuve	Agent-operator	$50 or commission	Sept. 4, 1916	
3	St. Anne	1½	–					
	To loop	5½	–					
4	Shipshaw North (Loop)	4	–	Jos. Blackburn	Agent-operator	$50 or commission	Nov. 1, 1913	
5	Shipshaw South	1	–	P. A. Guay	Agent-operator	$50 or commission	Jan. 2, 1919	
6	St. Leonard	4	–	Geo. Gagnon	Agent-operator	$50 or commission	Sept. 1, 1903	
	To loop	2	–					
7	St. Ambroise (Loop)	8	–					Closed April, 1919.
8	St. Charles Borrommee	4½	–	B. Bouchard	Agent-operator	$50 or commission	Sept. 1, 1903	
9	Tache	7	–					Closed Oct. 1, 1918
10	St. Louis Nazaire (Loop)	2½	–					Closed July 31, 1919.
	To loop	4½	–					
11	St. Joseph d'Alma (Loop)	6	–	Gedeon Verreault	Lineman	$180	Mar. 1, 1909	
12	St. Coeur de Marie	6	0					Closed.
13	St. Henri de Taillon	6½		N. Larouche	Agent-operator	$50 or commission	May 1, 1913	
14	Honfleur	8		Chas. Lindsay	Agent-operator	$50 or commission	Jan. 1, 1909	
15	Peribonka	9	–	Mrs. E. Niquette	Agent-operator	$50 or commission	Jan. 1, 1909	
		Wire, 81; poles, 70½.						

Rate to all offices west of Bersimis and Chicoutimi lines, 30 and 2 from Quebec.

NORTH SHORE, ON ST. LAWRENCE—EAST OF BERSIMIS

	Bersimis West	0	0					
1	Bersimis East	5	–	A. Maloney	Agent-operator	$1,080	Sept. 21, 1896	Repeating office and 2 main batteries.
	"	–	–	Mrs. A. Maloney	Operator	$564	July 1, 1906	
	"	–	–	Miss A. Maloney	Operator	$408	Oct. 18, 1915	
	"	–	–	Jos. Gagnon	Lineman	$561	Aug. 12, 1906	
2	Point aux Outardes	29	–	Miss G. Ross	Agent-operator	$50 or commission	Jan. 1, 1910	
	" "	–	–	D. Malouin	Lineman	$564	June 14, 1907	
3	Point Lebel (Loop)	26	–	H. Granier	Agent-operator	25 p.c. commission	Nov. 17, 1915	Loop to Point Lebel 5 miles.
4	Manicouagan	11	–	P. Martel	Agent-operator	25 p.c. commission	Sept. 26, 1910	
5	Mistassini	22	–	W. Montreuil	Operator-lineman	$564	Oct. 23, 1908	
6	River Godbout	26	–	N. A. Comeau	Operator-lineman	$672	Oct. 15, 1885	
7	Point des Monts	18½	–	Victor Faffard	Agent-operator	$50 or commission	Dec. 28, 1883	
8	Trinity Bay West	5½	–	Jos. Poulin	Agent-operator	$50 commission	May 16, 1884	
9	Trinity Bay East	2½	–	A. Bilodeau	Agent-operator	25 p.c. commission	May 1, 1889	
10	Caribou Island	7	–	Jos. Chouinard	Agent-operator	25 p.c. commission	July 22, 1911	

NORTH SHORE OF ST. LAWRENCE—EAST OF BERSIMIS—*Concluded.*

No.	Office.	Intermediate Mileage. Wire.	Cable	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
11	Egg Island Light	8½	–	Mrs. E. Chouinard	Accommodation		July 22, 1911	No commission paid. Telephone with Pentecost office.
12	Point aux Anglais	2	–					Closed. Cable from Egg island.
13	Pentecost	6½	–	Jos. Picard	Agent-operator	$420	July 15, 1904	Main battery.
14	May Islands	9	–	A. Lebel	Agent-operator	$25 a year	Sept. 19, 1913	
15	Ste. Marguerite	38½	–	A. Theriault	Agent-operator	$180	July 1, 1888	
16	Clark City	5	–	North Shore Power, Railway and Navigation Co.	Agent-operator	25 p.c. commission	April 17, 1903	
17	Seven Islands	17¼		P. E. Vignault	Dist. superintendent	$1,200	Jan. 2, 1884	
				J. R. Vignault	Agent-operator	$420 and 25 p.c. commission	Oct. 15, 1917	
				P. C. Vignault	General lineman	$720	Jan. 12, 1912	
18	Moisie West	14½	–	Mrs. Chicoine	Agent-operator	$50 and 25 p.c. commission	June 1, 1906	
19	Matamek	1	–	Mrs. Hamilton	Agent-operator	$50 or commission	April 1, 1914	
20	Pigou	28	–	Mrs. P. Wright	Agent-operator	$100	Oct. 1, 1902	
				P. Wright	Lineman	$112	Oct. 1, 1902	
21	Manitou	14	–	Miss Alice Wright	Agent-operator	25 p.c. commission	Oct. 4, 1914	
22	Riviere aux Graines	15	–					Closed.
23	Sheldrake	15	–	Mrs. A. Girard	Agent-operator	$50 or commission	Dec. 1, 1904	$12 per annum office rent.
24	Thunder River	6½	–	Mrs. H. Cody	Agent-operator	25 p.c. commission	Feb. 1, 1890	$12 per annum office rent. $12 per annum care of main battery.
25	Dock	6	–	Mrs. R. Grenier	Agent-operator	25 p.c. commission	May 15, 1915	
26	Magpie	8	–					Closed.
27	St. John River	9	–	Ben Chambers	Agent-operator	$100 and 25 p.c. commission	Oct. 1, 1899	$12 per annum office rent.
28	Long Point of Mingan	10		J. V. Guay	Agent-operator	$840	Nov. 1, 1910	
				Mrs. J. V. Guay	Operator	$564	Mar. –, 1911	Repeating office for Anticosti cable in operation since Sept. 1, 1891, 3 main batteries. Repeaters.
29	Mingan	7	–	Mrs. C. Maloney	Agent-operator	$100	Oct. 1, 1889	
30	Point Esquimaux	24	–	Mrs. E. Cyr	Agent-operator	$288 and 25 p.c. commission	Sept. 1, 1897	
				E. Cyr	General lineman	$672	Nov. 2, 1902	Main battery. Extra allowance at Point Esquimaux: office rent, $48; fuel, $40; storage, $24.
31	Betchouan	20	–	A. Cormier	Operator-lineman	$212	Sept. 22, 1914	
32	Baie Johan Beetz	23	–	Mrs. A. Tanguay	Agent-operator	$100	1913	
				S. Tanguay	Lineman	$112	Sept. 18, 1902	
33	Watichou	15	–	Mrs. C. Bourke	Agent-operator	$100	Dec. 1, 1903	
				Jno. Bourke	Lineman	$112	Dec. 1, 1903	
34	Auganus	21¾	–	Mrs. Galant	Agent-operator	$100	Sept. 3, 1902	
				S. Galant	Lineman	$112	Sept. 3, 1902	
35	Ile Michon	3	–					Closed.
36	Natashquan	18	–	J. Walter Vignault	Agent-operator	$480	Jan. – 1913	Main Battery, $12 per annum office rent.
				C. Vignault	Lineman	$112	July 14, 1910	
37	Kegaska	33	–	Miss Anderson	Agent-operator	$100	Sept. 6, 1902	
				Geo. Anderson	Lineman	$112	Sept. 6, 1902	
38	Masquaro	18	–	Mrs. Jennis	Agent-operator	$100	April 1, 1906	
				Wm. Foreman	Lineman	$112	June 1, 1903	
39	Romaine	25	–	Mrs. A. Guilmette	Agent-operator	$100	Sept. 17, 1902	
40	Wolf Bay	24	–	Mrs. R. Jones	Agent-operator	$100	Nov. 26, 1902	
				R. Jones	Lineman	$150	Nov. 26, 1902	

41	Point au Maurier	24	–	Miss P. Galibois	Agent-operator	$112	Sept. 19, 1902	
				J. Galibois	Lineman	$112	Sept. 19, 1902	
42	Harrington	20	–	Mrs. Jones	Agent-operator	$150	Sept. 20, 1902	
				J. Jones	Lineman	$112	Sept. 20, 1902	
				J. L. Osborne	General lineman	$672	Nov. 6, 1910	
43	Whale Head	17	–					Closed.
44	Mutton Bay	20	–	A. Desjardins	Agent-operator	$756	Nov. 25, 1918	
45	Ha Ha Bay	27	–	Mrs. J. Monger	Agent-operator	$100	June 14, 1904	
				J. Monger	Lineman	$112	June 14, 1904	
46	St. Augustine	27	–	C. F. Johnson	Operator-lineman	$212	Sept. 1, 1913	Hudson's Bay Co. Post.
47	Chicatica Bay	24	–	Miss Esther Robin	Agent-operator	$100	June 30, 1906	
				Geo. Robin	Lineman	$112	June 30, 1906	
48	Rocky Bay	15	–	Jas. Kennedy	Operator-lineman	$212	July 27, 1911	
49	Old Fort Bay	15	–	J. Fequet & Son	Agent-operator	$50	Mar. 29, 1911	
50	Bonne Esperance	7	–	Miss Chevalier	Agent-operator	$100	Oct. 2, 1902	
				J. Chevalier	Lineman	$100	Oct. 2, 1902	
51	Brador Bay	29	–	A. Blais	Agent-operator	25 p.c. commission	May 11, 1915	
				Cyrille Joncas	Lineman	$100	Oct. 10, 1909	
				A. Cormier	General lineman	$672	Aug. 18, 1910	
52	Long Point of Blanc Sablon	3	–	Mrs. A. Cormier	Agent-operator	$100	Sept. 1, 1911	
53	Blanc Sablon	3	–					Closed.
54	Forteau Bay	13	–	A. Hart	Operator-lineman	$212	July 19, 1902	
55	Point Amour	17	–	J. Whyatt	Operator-lineman	$100 and 25 p. c. commission	Dec. 1, 1919	Main battery allowance $50 per annum.
56	West St. Modeste	16	–	Jas. Bolger	Operator-lineman	$212	Oct. 5, 1902	
57	Red Bay	13	–	Miss Moore	Agent-operator	$100	Oct. 9, 1902	
				G. Moore	Lineman	$112	Oct. 9, 1902	
58	Chateau Bay	30	–					Closed.
		918½	–					

Rate to all Offices East of Bersimis 50 and 3 from Quebec.

QUEBEC—GROSSE ISLE QUARANTINE (TELEGRAPH SYSTEM)

1	Quebec	0	–	Great North Western Telegraph Co	Agent	$185		This amount is paid for supervision of the line and covers rent of pole line from Quebec to L'Ange Gardien for which $35 per annum is charged.
	L'Ange Gardien	13	–					
	Orleans Island Cable Landing	–	¾					
2	St. Pierre	½	–	E. Gendron	Agent-operator	$50 or Commission	Dec. 1, 1920	The Commission is 25 p.c. of the Government line proportion of receipts guaranteed to amount to not less than $40 per annum.
3	St. Petronille	3¼	–	Miss Anna Paxuet	Agent-operator	$50 or commission	Nov. 1, 1919	
4	St. Laurent	6½	–	M. Gobeil	Agent-operator	$50 or commission	Sept. 15, 1888	
5	St. Jean	7	–	P. Pouliot	Dist. Supt	$1,248 and 25 p.c. commission	Nov. 1, 1907	For local Agency.
6	Ste. Famille Loop	1	–	Miss M. Premont	Agent-operator	$50 or commission	June 1, 1917	
7	St. Francois	6¾	–	Arthur Lemelin	Agent-operator	$50 or commission	Aug. 1, 1916	
8	St. Francois North Loop	10	1	Jos. Asselin	Agent-operator	$50 or commission	April 1, 1912	
	To							
	Cable Landing	1¼	–					
	Isle aux Reaux	–	2					
	On Isle aux Reaux	2¾	–					
9	Grosse Isle	1½	2	A. Dancause	Agent-operator	$720	Nov. 1, 1912	Increased to $720, April 1, 1919. $12 per annum for care of main battery.
		63	4¾					

Miles wire, 63: cable, 4¾: poles, 40.

ORLEANS ISLAND AND QUARANTINE TELEPHONE LINE

No	Office.	Intermediate Mileage. Wire.	Cable.	Name	Position	Rate per Annum.	Date of Appointment.	Memo.
							Vo.	Connecting with the Bell Telephone Co's. line at L' Ange Gardien Exchange at Ste. Petronille.
	To Cable Landing	¼	¼					
	Orleans Island							
	Second Cable		¼					
1	St. Pierre	¼		F. Cote	Agent-operator	$ 50 or commission	July 1, 1911	
2	St. Petronille	6¼		Miss Anna Paxuet	Agent-operator	$324	Nov. 1, 1919	$6 monthly allowance for messenger.
3	St. Laurent	13		Mdme. V. Pouliot	Agent-operator	$ 50 or commission	Dec. 1, 1918	
4	St. Jean	14	14	P. Asselin	Agent-operator	$100 or commission	Dec. 28, 1919	
5	Ste. Famille			Jos. Premont	Agent-operator	$ 50 or commission	Dec. 1, 1910	
6	St. Francois	13½		Xavier Lepage	Agent-operator	$ 50 or commission	July 1, 1912	
7	St. Francois North	10		F. Lessard	Agent-operator	$ 50 or commission	Dec. 1er 191	
	To Cable Landing	1½						
	Isle Aux Reaux		2¼					
	On Isle aux Reaux	2½						
	Grosse Isle	16	2	A. Dancause	Agent-operator	See Quarantine Telegraph line		
	Cliff Island	–	16					
	Margaret Island	–	6					
	On Margaret Island	1						
8	Crane Island	–	2½	Hector Lavoie	Agent-operator	$ 50 or commission	Feb. 1, 1912	
	On Crane Island	3	8	F. Painchaud	Accomodation		Feb. 1, 1912	
				O. Gagne	Accomodation		Feb. 1, 1912	
				N. Vezina	Accomodation		Feb. 1, 1912	
				C. P. Roy	Accomodation		Feb. 1, 1912	
				Jos. Lemieux	Accomodation		Feb. 1, 1912	
				D. Vezina	Accomodation		Feb. 1, 1912	
				Jos. Lachaine	Accomodation		Feb. 1, 1912	
9	Goose Island	9½		E. Bernier	Accomodation		Nov. 1, 1913	
				Alf. Roy	Accomodation		Nov. 1, 1913	
				H. Vaillancourt	Accomodation		Nov. 1, 1913	
	Crane Island to Montmagny		5					Connecting at Montmagny with the Bell Telephone Co.
		87	146					

Miles wire, 87; cable, 146; poles, 53.

Rate to all offices, Quarantine Line, 30 and 2 from Quebec

QUEBEC COUNTY LINES—CHARLESBOURG - LAKE BEAUPORT - LAKE ST. CHARLES

	Quebec		The Bell Telephone Co.				
1	Riviere Jaune	0	Mrs. A. Michaud	Exchange operator	$792		
2	Lake Beauport	7½	Mrs. J. Bigouette	Agent-operator	25 p.c. commission	Dec. 27, 1913	1½ miles on leased poles.

3	Lake Beauport West	3	–	Mrs. Brown	Agent-operator	25 p.c. commission	Jan. 18, 1914
4	Lake St. Charles	2½	–	L. P. Verret	Agent-operator	25 p.c. commission	Nov. 4, 1914
		Wire, 13: poles, 11½.					

QUEBEC—STONEHAM AND BRANCHES

	Quebec						
	Riviere Jaune	0		The Bell Telephone Co.			
5	Stoneham	14	-	J. Corrigan	Agent-operator	$ 50	Nov. 4, 1914
6	Martineau Mills	3	–	A. Martineau	Agent-operator	25 p.c. commission	Nov. 1, 1914
		17	–				

RIVIERE JAUNE—TEWKESBURY AND BRANCHES

0	Riviere Jaune	0	–				
7	Tewkesbury	19½	–	W. Boyd	Agent-operator	25 p.c. commission	Nov. 8, 1913
		19½	–				

RIVIERRE JAUNE—DONNACONA

0	Riviere Jaune	0	–				
	Stoneham Junction	8	–				
		8	–				

QUEBEC—BEAUPORT—LAVAL—BOURG ROYAL

	Quebec						
0	Beauport	0	-	The Bell Telephone Co.			
1	St. Therese	2	–	N. Bedard	Agent-operator	25 p.c. commission	Jan. 1, 1912
2	Bourg Royal	4	–	Dr. Faucher	Agent-operator	25 p.c. commission	
3	Vallieres	5½	–	A. Valliere	Agent-operator	50 p.c. commission	Feb. 1, 1910
4	Laval	7½	–	Mrs. Fouchette	Agent-operator	$ 50	Feb. 1, 1910
		19	–				

Total wire, 76½: poles, 61.

Rate, Quebec to Laval, 15 and 1. Quebec to all other offices, 20 and 1.

TIMISKAMING DISTRICT (Telephone Line).

No.	Office.	Intermediate Mileage. Wire.	Cable.	Name.	Position.	Rate per Annum.	Date of Appointment.	Memo.
1	Kippewa Dam	0	0	M Denis	Agent-operator	25 p c commission	Nov 1, 1912	
2	Mazenod	10	–	G. Denis	Agent-operator	25 p.c. commission	Feb. 1, 1920	
3	Fabre	6	–	J. Pellerin	Agent-operator	25 p.c. commission	April 6, 1916	
4	Ville Marie	13	–	J. E. Morisette	Agent-operator	$50 or commission	Mar. 1, 1918	
	"	–	–	J. E. Brault	Accommodation	25 p c. commission	June 2, 1918	
	"	–	–	R. C. Parker	Accommodation	25 p.c. commission	Mar. 1, 1919	
	"	–	–	J. Dumulon	Local superintendert	$864	Nov. 13, 1911	Expenses while out on repair work.
5	Lorrainville	5	–	R. Larouche	Agent-operator	25 p.c. commission	Oct. 1, 1919	
6	St. Eugene	13½	–	J. A. Rheault	Agent-operator	25 p.c.commission	Nov. 12, 1919	
7	Quinze Dam	9	–	L. Dale	Agent-operator	25 p.c. commission	Feb. 1, 1919	
	"	–	–	D. Morris	Accommodation			
8	Lalement	8	–	E. Pleau	Agent-operator	25 p.c. commission	June 1, 1918	
9	North Timiskaming	10	–	Miss McKenzie	Agent-operator	$75	July 15, 1920	
		Wire, 74½; Poles, 74½.						
	Branches.							
	Ville Marie	0	0					
10	Laverlochere	3½	–	Mrs. L. Dagenais	Agent-operator	25 p.c. commission	June 1, 1918	
11	Fugerville	7	–	J. Angers	Agent-operator	25 p.c. commission	Dec. 1, 1919	
12	Riordon Depot	7	–	J. A. Brodie	Agent-operator	25 p.c. commission	Dec. 1, 1919	
13	Latulippe	5	–	P. Richard	Agent-operator	25 p.c. commission	June 1, 1918	
14	" Rheaults	2	–	J. C. Rheault	Agent-operator	25 p.c. commission	Jan. 24, 1917	
		Wire, 24½.						
	Lorrainville	0	0					
15	St. Placide	5	–	J. Desallier	Agent-operator	25 p.c. commission	April 1, 1917	
		Wire, 29½; Poles, 29½.						

Tariff rate from North Timiskaming 25 and 1.

QU'APPELLE-ONION LAKE SECTION.

1	Qu'Appelle	0	E. P. Benoit	Agent-operator	120	Jan. 1, 1911	
2	Ft. Qu'Appelle	17	P. R. Elmer	Agent-operator	1,260	Aug. 16, 1906	
	Ft. Qu'Appelle		D. Sutherland	Lineman	1,260	Dec. 1, 1909	
	To loop	10					
3	Kutawa	45	A. V. Lindeburgh	Agent-operator	1,260	July 1885	
4	South Humboldt	78	H. J. Macdonald	Agent-operator	1,260	1899	
	To loop	58½					
5	Saskatoon	14	J. H. Murphy	Agent-operator	1,560	Jan. 18, 1913	
	Saskatoon		G. T. Clement	Lineman	1,320	Oct. 16, 1903	
	Saskatoon		C.P.R.	Messenger	120	May 1, 1911	
6	Henrietta	30	A. Parnham	Lineman	1,260	Jan. 23, 1917	
7	Baljennie	34	D. E. Buck	Agent-operator	1,260	Mar. 10, 1916	

8	Battleford	21	J. T. Callahan	Agent-operator	1,560	Oct. 2, 1898	
	Battleford		G. T. Brown	Relieving-operator	1,680	April 1, 1902	
	Battleford		H. C. Rogers	Lineman	1,320	1911	
	Battleford		E. Hitchins	Messenger	420	Oct. —, 1918	
	Battleford		J. D. Noel	Dist. superintendent	1,800	Mar. —, 1897	
	Battleford		J. A. Mason	Clerk	1,440	May 4, 1916	
9	Delmas	18	Mrs. M. Langlois	Agent-operator	1,260	Aug. 20, 1917	
10	Bresaylor	10	A. M. Allen	Agent-operator	1,260	Oct. 3, 1919	Vice Mrs. Cairns, resigned;
11	Big Gully	32	J. A. McCartney	Agent-operator	1,260	Aug. 4, 1917	
	To loop	51½					
12	Lloydminster	29	H. G. Miller	Agent-Operator	1,380	Feb. 3, 1917	
	Lloydminster		G. G. Mann	Lineman	1,260	July 14, 1902	
	To main line	29					
13	Onion Lake	13	H. McCleneghan	Circuit manager	1,560	Aug. 1, 1885	
	Onion Lake		Miss R. McCleneghan	Operator	960	Sept. 6, 1914	
		490					

BATTLEFORD-ISLE-LA-CROSSE SECTION.

1	Battleford	0					
2	North Battleford	4	C. Potter	Agent-operator	1,560	Mar. 25, 1920	Vice A. H. Elliott, resigned
	North Battleford		Miss B. Wright	Messenger	420	Sept. —, 1917	
3	Cochin	21	P. O. Bonenfant	Agent-operator	1,260	May 1, 1915	
4	Meota	10	F. W. Hearn	Agent-operator	1,260	Aug. 20, 1913	
	To main line	10					
5	Glaslyn	30	J. Davidson	Agent-operator	1,320	Dec. 1, 1915	
6	Meadow Lake	66	J. R. McCordic	Agent-operator	1,380	Aug. 9, 1912	
7	Green Lake	44	G. M. Regan	Agent-operator	1,440	July 1, 1916	
8	Isle-la-Crosse	113	V. Gauthier	Agent-operator	1,440	Sept. 25, 1915	
		298					

WOOD MOUNTAIN-MOOSEJAW SECTION.

1	Moosejaw	0	F. J. Colmer	Agent-operator	1,560	Nov. 1, 1912	
	Moosejaw		C.P.R.	Messenger	120	July 1, 1911	
	Moosejaw		C.P.R.	Battery	120	Feb. 1, 1912	
2	Expanse	39	M. L. Brown	Agent-operator	1,260	July 23, 1916	
	Expanse		C. H. R. Clark	Lineman	1,260	Aug. 7, 1913	
	To loop	25					
3	Gravelbourg	19	J. A. Hamelin	Agent-operator	1,260	Aug. 21, 1910	
	To main line	19					
4	Limerick	13	A. Gosnell	Agent-operator	1,260	Dec. 8, 1917	
	To loop	3					
5	Assiniboia	14	R. Hodgson	Agent-operator	1,260	Aug. —, 1912	
	To main line	14					
6	Wood Mountain	27	J. H. Thomson	Agent-operator	1,260	May 1, 1889	
	Wood Mountain		F. Brown	Lineman	1,260	July 1, 1903	
7	Willow Bunch	39	M. A. Noel	Agent-operator	1,260	Oct. 20, 1904	
		212					

SASKATCHEWAN TELEGRAPH LINES

New rates in operation, June 14th, 1920

From Saskatoon to:-							
Qu'Appelle	30 and 2	Ft. Qu'Appelle	30 and 2	Kutawa	30 and 2	South Humboldt	30 and 2
Saskatoon	0	Henrietta	30 and 2	Balgennie	30 and 2	Battleford	30 and 2
Delmas	30 and 2	Bresaylor	40 and 3	Lloydminster	30 and 2	Onion Lake	45 and 3
North Battleford	30 and 2	Meota	30 and 2	Cochin	40 and 3	Glaslyn	40 and 3
Meadow Lake	40 and 3	Green Lake	60 and 4	Isle-la-Crosse	60 and 4		
From Moose Jaw to: -							
Expanse	30 and 2	Gravelbourg	30 and 2	Limerick	30 and 2	Assiniboia	30 and 2
Willow Bunch	30 and 2	Wood Mountain	30 and 2				

NORTHWEST LINES -ALBERTA.

No.	Station.	Intermediate Distance.	Name.	Position.	Salary per Annum.	Date of Appointment.	Memo.
					$		
	Onion Lake	0					Sask. Division.
1	Frog Lake	23	E. A. Bowtell	Agent-operator	1,080	Mar. 1, 1911	
2	Mooswa	14	A. Bowtell	Agent-operator	1,260	Dec. 1, 1907	
3	Elk Point	21½					Closed.
4	St. Paul	19½	J. A. Gagnon	Agent-operator	1,260	May 1, 1910	
5	Saddle Lake	18	F. C. Gaylor	Agent-operator	1,260	April 1, 1919	
6	Pakan	39	R. McAdam	Agent-operator	1,260	Feb. 1, 1905	
	To loop	5					
7	Andrew	5	R. L. Pickell	Agent-operator	1,260	Jan. 1, 1913	
			C. W. Brereton	Lineman	1,260	May 1, 1918	
	Andrew to main line	5					
	To loop	23					
8	Lamont	3½	W. Valliant	Agent-operator	1,260	Nov. 1, 1914	
	To main line	3½					
9	Fort Saskatchewan	24	W. G. Shera	Agent-operator	1,080	July 1, 1912	
10	Edmonton	18	P. R. Campbell	Agent	1,680	July 24, 1914	
			G. D. Shaw	Operator	1,500	April 11, 1919	
			R. Berry	Operator	1,500	April 1, 1917	Transferred from Peace River.
			H. Hunt	Chief clerk	1,680	Aug. 1, 1908	
			M. Baker	Telegraph book-keeper	840	Aug. 15, 1919	New appointment; J. McLean retired
			J. Saidler	Lineman	1,120	June 1, 1914	
			R. Thoman	Messenger	540	May 1, 1919	
			J. Bowie	Messenger	540	Oct. 1, 1919	
			L. Clarke	Messenger	540	Jan. 1, 1920	
			R. C. Macdonald	Superintendent	2,300	Oct. 1, 1905	
			J. S. Macdonald	General inspector	1,500	June 1, 1905	
		222					

EDMONTON—PEACE RIVER LINE

0	Edmonton		Preceding table				
1	Halfway Lake	49					Office closed.
2	Athabasca	49	L. Boyles		1,200	Oct. 27, 1917	W. J. Amell, resigned.
			F. Pettiford	Lineman	1,080	Dec. 1, 1914	
			A. Parry	Lineman	1,080	April 1, 1912	A. W. Cass, resigned.
3	Mirror Landing	70	C. Meriweather		1,140	Oct. 8, 1918	A. Parry, transferred.
4	Sawridge	38	T . Rookes		1,080	April 17, 1916	..
			W. Schank	Lineman	1,080	Aug. 14, 1917	G. Blackwell, transferred.
5	Giroux Bay	39					Office closed.
6	Indiana	21					Office closed.
7	Grouard	18	C. C. Moore		1,140	Feb. 15, 1917	C. A. Burpee, resigned.
			G. Blackwell	Lineman	1,200	April 1, 1916	Transferred from Sawridge.
8		83	R. Berry		1,200	April 1, 1917	C. P. Samwell, resigned.
			C. D. Shaw		1,140	Mar. 1, 1918	
			P. Anderson	Lineman	1,140	Oct. 23, 1912	
			W. Woltenholme	Messenger			
					540	Feb. 1, 1919	J. Burnett, resigned.
9	Vanrena	62					Office closed.
10	Dunvegan	12	R. H. Al Neilsen		1,140	July 5, 1918	A. Vaillancourt, resigned.
			E. G. Morrison	Lineman	1,080	May 7, 1918	L. Steen, resigned.
11	Spirit River	15	E. W. Hall		1,080	April 11, 1919	R. A. Correll, resigned.
	To Loop	53					
12	Gd. Prairie	8	J. H. Byrne		1,200	Sept. 2 , 1912	
			L. Conners	Messenger	420	Nov. 1, 1918	J. Murray, resigned.
	To Main line	8					
13	Lake Saskatoon	8	A. J. H. Roland		1,080	Mar. 1, 1918	G. Coleman, resigned.
			W. Lovell,	Lineman	1,080	June 1, 1914	
14	Beaver Lodge	12	A. C. Egan		1,140	April 1, 1918	B. Lee, resigned.
15	Pouce Coupe	63	A. G. McCartn ey		1,200	Sept. 26, 1912	J. J. Dever, resigned.
16	Ft. St. John	70	J. C. Barber		1,200	June 15, 1917	W. J. Reid, resigned.
			L. Maguire	Lineman	1,140	May 1, 1916	
17	Hudson Hope	62	R. P. White		1,200	Dec. 1, 1915	R. M. Osborne at front.
			J. D. Cadenhead	Lineman	1,080	Dec. 16, 1915	
		740					

ATHABASCA—FORT McMURRAY

0	Athabasca		*See* Peace River Line				
1	CallingRiver	39	E. W. Hall		1,320	April 12, 1919	J. Peers, tfd.
2	Pelican	61	A. McLean		1,320	July 1, 1919	W. Hood, resigned.
			C. F. Somers	Lineman	1,260	Dec. 15, 1919	
3	House River	55	W. J. Lee		1,320	Jan. 5, 1914	
			F. Taylor	Lineman	1,260	Sept. 1, 1915	
4	Fort McMurray	90	J. Manning		1,440	May 15, 1919	
			F. Goodwin	Lineman	1,320	April 10, 1919	C. N. Hayes, resigned.
		245					

ATHABASCA—LAC LA BICHE LINE

No	Stations.	Intermediate Distance.	Name.	Position.	Salary per Annum.	Date of Appointment.	Memo.
					$ cts.		
0	Athabasca						
1	Plamondon	58	L. G. Picard		1,260	July 15, 1916	
2	Lac La Biche Mission	12	Father Le Goff		25 p.c. Receipts and checks		
3	Lac La Biche	8	P. D. Hamel		1,260	July 6, 1918	E. A. Goddard, retired.
		78					

BRANCH TELEPHONE LINES

	Edmonton	0					This line was built in 1904 and is being operated from the Central Telephone office in Edmonton.
1	Winterburn	8½					
2	Indian Agency	5½					
3	Spruce Grove	8					
4	Stony Plain Centre Station	6½					
5	Stony Plain Centre	3½					
		32					
	Edmonton	0					This line has been in operation to St. Albert since 1887 and to Alexandre since 1902 and is operated from the centre Telephone office in Edmonton.
1	St. Albert	9					
2	Ray	12					
3	Riviere-qui-Barre	8					
4	Alexandre	5					
		34					

SADDLE LAKE LINE

	Saddle Lake	0					This line was built in 1900 for the use of the Department of Indian Affairs exclusively.
1	Industrial School	6½					
		6½					

GROUARD PRAIRIE RIVER (Telephone Line)

0	Grouard	0					This line was built in 1912 and 1913. The telephones are installed at a rental basis to the parties named at $15 per annum conditionally that they are
1	B. A. See	3					
2	M. Ouilettes	5					
3	P. Tomkins	4					

4	D. S. Hayden	8					also intended for the usee of the public when wishing to reach our Grouard office, for which a charge of 10 cents will be made. There are also 17 phones in the town of Grouard which pay an annual rental of $10.
5	Mr. McQue	5					
6	S. Harris	1					
7	O. D. Hill	2					
8	G. Martin	3					
9	J. Bennie	1					
10	L. Becker	2					
11	W. Lesage	3					
12	R. C. Mission	½					
13	Dom. Land Office	½					
14	W. McLeod	½					
		38½					

PEACE RIVER—SHAFTSBURY TELEPHONE LINE

0	Peace River	0					This line was built in 1911. The telephones are installed on a rental basis of $15 per annum, conditionally that they are also intended for the use of the public when wishing to reach our Peace River office for which a charge of 10 cents will be made.
1	Collins	3					
2	R. C. Mission	5					
3	A. Brick	6½					
4	English Church Mission	½					
		15					

ST. PAUL DE METIS—DURLINGVILLE (Telegraph Line).

0	St. Paul de Metis		*See* Main line				
1	Rife	24	E. O. Boyd		1,080	Nov. 26, 1912	
2	Bonnyville		E. L. Dussault		840	Aug. 19, 1913	
3	Durlingville	18	G. Hebert		840	Oct. 8, 1917	L. T. McLeod, resigned.
		48					

ALBERTA LINES

Rate from Edmonton

Frog Lake, Alta	45 and 3	Mooswa, Alta	45 and 3	St. Paul de Metis, Alta.	45 and 3	Rife, Alta	45 and 3
Bonnyville, Alta.	45 and 3	Durlingville, Alta	45 and 3	Saddle Lake, Alta.	45 and 3	Pakan, Alta	30 and 2
Andrew, Alta	30 and 2	Lamont, Alta	30 and 2	Fort Saskatchewan, Alta	30 and 2	Athabasca, Alta.	30 and 2
Mirror Landing, Alta.	30 and 2 to	Sawridge, Alta	35 and 2	Grouard, Alta	60 and 4	High Prairie, Alta	50 and 3
Little Prairie, Alta.	60 and 4 meet	Peace River, Alta.	60 and 4	Dunvegan, Alta	75 and 5	Spirit River, Alta.	75 and 5
Grand Prairie, Alta.	90 and 6 E D	Peace River, Alta	60 and 4	Dunvegan, Alta.	75 and 5	Spirit River, Alta.	75 and 5
Grand Prairie, Alta	90 and 6 & B	Lake Saskatoon, Alta.	90 and 6	Beaver Lodge, Alta.	90 and 6	Swan Lake, B.C.	90 and 6
Pouce Coupe, B.C.	90 and 6 C	Ft. St. John, B.C.	100 and 7	Hudson Hope, B.C.	125 and 8	Plamondon, Alta.	45 and 3
Lac La Biche Mission, Alta.	45 and 3	Lac L Biche, Alta.	45 and 3	Calling River, Alta.	45 and 3	Pelican, Alta	60 and 4
House River, Alta	75 and 5	Ft. McMurray, Alta.	75 and 5				

KAMLOOPS TO KAMLOOPS SECTION. VIA NICOLA, PRINCETON AND VERNON. 456 MILES.

No.	Stations.	Intermediate Miles. Land Lines.	Intermediate Miles. Cables	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
1	Kamloops	0	0	W. H. Stevens	Superintendent	$175	Mar. 1, 1914	
				F. A. Tripp	Accountant	$135	Sept. 1911	Increase salary, April 1, '19, $15 month.
	Superintendent's office			V. L. Palmer	Clerk	$90	Oct. 1911	Increase salary, April 1, '19, $10 month.
				M. H. Palmer	Stenographer	$80	Feb. 1913	Increase salary, April 1, '19, $10 month.
				Vacant	Book-keeper	$85		
				Supt. office rent		$35		
				Lucy Ellis	Agent	$85	Sept. 1917	Increase salary, April 1, '19, $10 month.
				Mrs. M. Charlton	Acting telephone op'r	$65	Nov. 1919	Increase salary, April 1, '19, $5 month.
				Nora Woodburn	Acting telephone op'r.	$65	Feb. 1920	Increase salary, April 1, '19, $5 month.
	Kamloops Long Distance			Mrs. E. Baker	Night telephone op'r.	$69	Oct. 1918	Increase salary, April 1, '19, $5 month.
	Telephone and Telegraph offices			W. J. Maguire	Telegraph operator	$110	Dec. 1, 1918	Increase salary, April 1, '19, $15 month.
				Jas. Bann	Messenger	$30	Nov. 19, 1919	Increase salary, April 1, '19, $5 month.
				Telephone office	Rent	$27		
				M. T. Royds	Lineman	$110	Nov. 1913	Increase salary, April 1, 19, $10 month.
				A. J. Woodburn	Line foreman	$145	April 1915	Increase salary, April 1, 19, $10 month.
2	McLeods	8	–	W. McLeod	Agent	20 p.c. commission	Dec. 1917	
3	Bulmans	9	–	J. Bulman	Agent	20 p.c. commission	July 1909	
4	Macdonald's	5	–	J. F. Macdonald	Agent	20 p.c. commission	July 1910	
5	Stump Lake	4	–	T. McBride	Agent	20 p.c. commission	July 1910	
6	Fraser's	3	–	Geo. Fraser	Agent	20 p.c. commission	Aug. 1916	Spur 5 miles from Stump Lake.
7	Friskens	2	–	J. Frisken	Agent	20 p.c. commission	Aug. 1916	
8	Donohoe Mines	3	–	F. M. Hawkes	Agent	20 p.c. commission	Aug. 1916	Spur 1 mile.
9	Moore's Ranch	6	–	C. Kirby	Agent	20 p.c. commission	July, 1905	
10	Quilchena	9	–	J. A. Guichon	Agent	20 p.c. commission	July 1907	
11	Guichon's	3	–	Jos. Guichon.	Agent	20 p.c. commission	July 1913	
12	Lauder's	5	–	Wm. Lauder	Agent	20 p.c. commission	July 1913	
13	Douglas Lake	16	–	F. B. Ward	Agent	20 p.c. commission	July 1913	
						Salary per month.		
14	Nicola	9	–	Mrs. M. V. Munroe	Agent and operator	$65.00	July 1905	Local exchange of 15 subscribers. Salary increased April 1, '19, $5 month.
				Office rent		$10 month		
15	Merritt	7	–	Miss B. Munroe	Agent and operator	$75	Oct. 1919	Local exchange of 124 subscribers. Salary increased April 1, '19 $5 month.
				E. Stephenson	Telephone operator	$65	Aug. 1916	Salary increased April, '19, $5 month.
				Mrs. E. Baxter	Night telephone oper.	$110	July 1919	Salary increased April 1, '19, $5 month.
				R. Woods	Lineman	$110	July 1919	Salary increased April 1, '19, $10 month
				Office rent		$20 month		
16	S-X-Ranch	11	–	W. Thompson	Agent	20 p.c. commission	Feb. 1914	
17	Corbett's	3	–	J. Corbett	Agent	commission	June 1917	
18	Menzies' Mills	2	–	J. Menzies	Agent	commission	June 1917	
19	Crowder's Ranch	4	–	F. W. Crowder	Agent	commission	Oct. 1911	
20	Aspen Grove	6	–	G. D. Peter	Agent	commission	Aug. 1914	*Re* W. Augstadt.
21	Portland Ranch	1	–	Delasalle & Peters	Agent	commission	Nov. 1917	*Re* O. Reinseth
22	Hastings Ranch	6	–	Jos. Gledron	Agent	commission	Aug. 1914	
23	Canyon House	6	–	A. B. Roberts	Agent	commission	Mar. 1915	
24	Myren's Ranch	8	–	G. P. Myren	Agent	commission	Jan. 1918	
25	Otter Valley	4	–	J. G. Thynn	Agent	commission	Oct. 1917	
26	Tulameen	7	–	Jas. Schubert	Agent	commission	Sept. 1911	
27	Coalmont	4	–	I. McTavish	Agent	commission	July 1913	
28	Granite Creek	3	–	Mrs. E. W. Cook	Agent	commission	Dec. 1911	

					Salary per month.				
29	Princeton	11	–	Miss E. Campbell	Agent	$75	Sept.	1918	*Re* A. Bell, resigned. Local exchange of 80 subscribers.
				Frances Burr	Telephone operator	$65 month	Sept.	1917	Salary increased, April, '19, $5 per month.
				K. Kirkpatrick	Night telephone op'r	$60 month	Mar.	1918	Salary increased April, '19, $5 per month.
				Vacant	Lineman	$110 month			F. Phillips, resigned.
				Office rent		$30 month			
30	Allenby	4	–	Canada Copper Co	Agent	20 p.c. commission	Nov.	1917	
31	Voigt's Camp	8	–	Mrs. M. A. Voigt	Agent	20 p.c. commisison	Jan.	1915	Spur from Princeton, 14 miles.
32	Copper Mt.	2	–	Canada Copper Co	Agent	20 p.c. commission	Nov.	1917	
33	Bromley's	12	–	Mrs. M. C. Bromley	Agent	20 p.c. commission	Oct.	1919	
34	Hedley	13	–	R. E. Baxter	Agent-operator	$65 month	Aug.	1919	Local exchange of 13 subscribers. Salary increased $5 a month, April, 1919.
35	Bradshaws'	8	–	Thos. Bradshaw	Agent-operator	25 p.c. commission	Aug.	1919	
36	Keremeos	13	–	H. C. N. Etches	Agent-operator	$75 month	Nov.	1914	Local exchange of 50 subscribers. Salary increased April, 1919, $10 month.
				Miss E. Gibson	Telephone operator	$60 month	Jan	1920	
				Office rent		$10 month			
37	Cawston	3	–	On Keremeos Exch	Subscriber		Dec.	1916	
38	Similkameen	7	–	" "	Subscriber		Dec.	1917	
39	Olalla	2	–	Chas. Turner	Agent	20 p.c. commission		1919	
40	Cedar Creek Ranch	2	–	Mrs. J. Marsel	Agent	20 p.c. commission	Feb.	1918	
41	Springbrook Ranch	3	–	A. LeLievre	Agent	20 p.c. commission	Jan.	1917	
42	Green Mountain	12	–	Mrs. W. J. Thompson	Agent	20 p.c. commission	Jan.,	1920	
43	Malcolm Saw Mill	5	–	Malcolm Saw Mill Co	Agent	20 p.c. commission	Mar.,	1920	
44	Allan Grove	4	–	R. L. Allan	Agent	20 p.c. commission	Jan.,	1917	
45	Calla Ranch	2	–	G. Clark	Agent	20 p.c. commission	Mar.,	1917	
46	Penticton	5	–	Mrs. J. M. Johnston	Agent operator	$110	Nov.,	1908	Salary increased $15 month, April 1, 1919
				Miss C. Crowe	Asst. telegraph oper.	$ 75	Nov.,	1912	Salary increased $8 month, April 1, 1919.
				E. S. Murray	Night telegraph oper.	$ 60	Sept.,	1918	Salary increased $5 month, April 1, 1919.
				C. F. Layton	Lineman	$110	Nov.,	1911	Salary increased $10 month, April 1, 1919.
				Agnes Love	Messenger	$ 30	May,	1919	Salary increased $5 month, April 1, 1919.
				Office rent		$ 10			
47	Summerland	11	–	W. H. Hayes	Telegraph oper. agent	$ 50	July,	1916	Salary increased $4 month, April, 1, 1919.
				Office rent	(Part time)	$ 10			
48	Peachland	17	–	A. W. McDougald	Telegraph oper. agent	20 p.c. commission	Aug.,	1912	
49	Kelowna	14½	3½	E. Millie	Telegraph oper. agent	$ 75	Sept.,	1917	Salary increased $10 month, April 1, 1919.
				Office rent		$ 12			
50	Vernon	38	–	Mrs. B. Steward	Agent telegraph oper.	$110	Mar.,	1910	Salary increased $15 month, April 1, 1919.
				Miss V. Glover	Telegraph operator	$ 65	May.,	1915	Salary increased $5 month, April 1, 1919.
				Mrs. M. Sharpe	Telegraph operator	$ 60	Mar.,	1920	*Re* Blanche Steward, resigned.
				Jessie Kaufman	Messenger	$ 30	Feb.,	1920	Salary increased $5 month.
		–	–	Vacant	Lineman	$110	Feb.,	1920	R. F. Wright, deceased.
51	Lumby	16	–	Okg. Telegraph Co	Switching off.				
52	Rollings Lake	1	–	Mrs. C. McDonald	Agent	20 p.c. commission	Dec.,	1914	Spur 26 miles east of Vernon.
53	Shuswap Falls	9	–	Miss F. Finlaison	Agent	20 p.c. commission.	Dec.,	1914	
54	Proctor Camp	10	–	R. F. H. Proctor	Agent	20 p.c. commission.	Aug.,	1919	
55	Heywoods	9	–	A. J. Heywood	Agent	20 p.c. commission.	Dec.,	1916	
56	Leslies Camp	2	–	W. W. Browne	Agent	20 p.c. commission	Aug.,	1919	
57	Glenemma	2	–	K. Sweet	Agent	20 p.c. commission	Aug.,	1919	
58	Falklands	6	–	J. C. Ardern	Agent	20 p.c. commission	Feb.,	1919	Also 4 local subscribers.
59	Circle J. Ranch	10	–	J. Bulman	Agent	20 p.c. commission	July,	1917	
60	Grande Prairie	1	–	E. W. Hoole	Agent operator	$ 30	April.,	1914	Local exchange 11 subscribers changed from Com. Office to salary.
61	Holmwood	15	–	A. Duck	Agent	20 p.c.commission	Nov.,	1919	
	Kamloops	21	–						
	Total	456							

KAMLOOPS—MOUNT OLIE—NORTH THOMPSON—85 MILES.

No.	Stations.	Intermediate miles. Land Lines.	Intermediate miles. Cables	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Kamloops	0	0					
62	Twenty Mile	20	–	K. G. Watson	Agent	20 p.c commission.	Jan., 1917	
63	Black Pines	2	–	A. Dobbs-Harvey	Agent	20 p.c commission.	Mar., 1916	Spur 2 miles
64	Bingo Farm	1	–	G. Arnell	Agent	20 p.c. commission	Mar., 1916	
65	Twenty-five Mile	5	–	W. H. Dandy	Agent	20 p.c. commission.	Mar., 1919	
66	Potters Flat	3	–	E. H. Jones	Agent	20 p.c. commission.	Nov., 1914	
67	Saladana	5	–	Jos. Saladana	Agent	20 p.c commission.	Nov., 1917	Spur 1 mile.
68	Louis Creek	3	–	M. C. Godreau	Agent	20 p.c. commission.	Nov., 1917	
69	Thirty-six Mile	1	–	W. Noble	Agent	20 p.c. commission.	April, 1914	
70	Barriere	4		J. H. Nelson	Agent operator	$ 40	Sept., 1915	Salary increased $5 month, April 1, 1919. Also 3 local subscribers.
71	Barriere Power House	4	–	City of Kamloops	Agents	20 p.c commission.	July, 1915	Spur 4 miles.
72	Borthwicks	2	–	Geo. Borthwick	Agent.	20 p.c commission.	April, 1911	
73	Geniers.	2	–	Mrs. A. Stevens	Agent.	20 p.c. commission.	June, 1913	
74	Chu Chua	12	–	Geo. Genell	Agent.	20 p.c. commission.	June, 1913	
75	Wincome Ranch	4	–	Geo. Borthwick.	Agent	20 p.c. commission.	Sept., 1915	
76	Chinook Cove	2	–	A. L. Foster	Agent	20 p.c. commission.	June, 1913	
77	Smiths Ranch	3	–	J. J. Smith	Agent	20 p.c. commission.	Oct., 1915	
78	Caird Ranch	2	–	F. C. Hunt	Agent	20 p.c. commission.	Sept., 1918	
79	Latremouille	3	–	H. Latremouille	Agent	20 p.c. commission.	Nov., 1918	
80	Mt. Olie	7	–	Miss M. Baynes	Agent	20 p.c. commission.	Jan., 1917	Also 1 local subscriber.
	Total	85						

KAMLOOPS HEFFLEY CREEK-UPPER LOUIS CREEK—53 Miles.

	Kamloops	0	0					
81	Home Farm	8	–	Austin Estate	Agent	20 p.c. commission.	April, 1916	
82	Austin Farm	4	–	Austin Estate	Agent	20 p.c. commission.	April, 1914	
83	Heffley Creek	3	–	F. Thornley	Agent	20 p.c. commission.	Feb., 1917	
84	Bunting	1	–	Thos. Bunting	Agent	20 p.c. commission.	Mar., 1917	
85	Lyons Ranch	3	–	Robt. Lyons	Agent	20 p.c. commission.	June, 1917	
86	Conners	3	–	D. C. Wilson	Agent	20 p.c. commission.	Dec., 1917	Spur 6 miles Sullivan Valley.
87	Bedard	3	–	A. Bedard	Agent	20 p.c. commission.	Dec., 1916	
88	Devicks	3	–	A. H. Devick	Agent	20 p.c. commission.	Dec., 1916	
89	Shaws	10	–	W. W. Shaw	Agent	20 p.c. commission.	Dec., 1916	Spur 1½ miles.
90	Martin's Cabin	1	–	Dom. Forestry	Agent	20 p.c. commission.	Aug., 1917	
91	Jagoes	10	–	J. T. B. Jagoe	Agent	20 p.c. commission.	Sept., 1917	
92	McKnights	4		D. McKnight	Agent	20 p.c. commission.	Dec., 1916	
	Total	53	–					

KAMLOOPS-SAVONAS SECTION—35 Miles.

	Kamloops	0	0						
93	Iron Mask	7	–	E. G. Walander	Agent	20 p.c. commission	Aug.,	1917	Spur 1 mile.
94	Cornwalls	4	–	Henry Cornwall	Agent	20 p.c. commission	Oct.,	1913	
95	Sugar Loaf	2	–	Buswell Bros.	Agent	20 p.c. commission	Oct.,	1917	Spur 2 miles.
96	Cherry Creek	4	–	B. C. Fruitlands Co.	Agent	20 p.c. commission	Oct.,	1914	
97	North Star Mill	2	–	North Star Lumber Co.	Agent	20 p.c. commission	June,	1919	
98	Savonas	13	–	P. Margetts	Agent	20 p.c. commission	Nov.,	1914	
99	Bakers	1	–	H. J. Baker	Agent	20 p.c. commission	April,	1919	
	(Sawanas Bridge)	2	–						
	Total	35	–						

KAMLOOPS-ROSE HILL SECTION—14 Miles.

	Kamloops	0	0						
100	Hollis Ranch	3	–	R. H. Hollis	Agent	20 p.c. commission	Sept.,	1917	
101	Daytons	2	–	Dayton Bros.	Agent	20 p.c. commission	June,	1914	
102	Rose Hill	2	–	A. McKay	Agent	20 p.c. commission	Mar.,	1911	
103	Barnharts	7	–	A. Bothamley	Agent	20 p.c. commission	June,	1911	
	Total	14	–						

KAMLOOPS-GOOSE LAKE SECTION—24 Miles.

	Kamloops	0	0						
104	Redmans	4	–	J. Redman	Agent	20 p.c. commission	Dec.,	1918	
105	Knutsford	1	–	J. S. Jones	Agent	20 p.c. commission	Dec.,	1914	
106	Goose Lake	9	–	R. Burgess	Agent	20 p.c. commission	Dec.,	1915	
107	Fish Lake	10	–	R. Cowan	Agent	20 p.c. commission	May,	1916	10 miles Dom. Forestry line, extension Goose Lake office.
	Total	24	–						

KAMLOOPS-PENES LAKE TO PRITCHARD SECTION—32 Miles.

	Kamloops	0	0						
108	Harper Ranch	10	–	Western Can. Ranching Co.	Agent	20 p.c. commission	May,	1917	
109	McGregors	5	–	McGregor Bros.	Agent	20 p.c. commission		1919	
110	Penes Lake	6	–	P. Botta	Agent	20 p.c. commission	June,	1917	
111	Warrens	8	–	Fred Warrens	Agent	20 p.c. commission	June,	1917	
112	Pritchard	3	–	W. P. Pritchard	Agent	20 p.c. commission	Mar.,	1915	
	Total	32	–						

KAMLOOPS-REVELSTOKE SECTION, VIA CHASE AND SICAMOUS.—228 MILES.

No.	Stations.	Intermediate Miles. Land Lines.	Intermediate Miles. Cables	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Kamloops	0	–					
113	Poultry ranch	5	–	H. Brown,	Agent	20 p.c. commission	Oct., 1913	
114	Barnhartvale	6	–	Holt, A.	Agent	20 p.c. commission	May, 1914	
115	Barnes Ranch	8	–	Geo. Barnes	Agent	20 p.c. commission	Feb., 1920	
116	Hamell Ranch	2	–	S. M. Studebaker	Agent	20 p.c. commission	Mar., 1920	
117	Ducks	2	–	A. K. Taylor,	Agent	$40 month	Feb., 1916	Switching office. Also 4 local subscribers, Salary office since July 1, 1919.
118	Duck Range	10	–	Allan, Mrs. A.	Agent	20 p.c. commission	Mar., 1915	
119	Charltons	2	–	W. Charlton,	Agent	20 p.c. commission	Aug., 1915	
120	Sinclair	3	–	H. Sinclair	Agent	20 p.c. commission	Mar., 1915	
121	Martin Prairie	3	–	R. H. Brett	Agent	20 p.c. commission	Mar., 1915	
122	Shuswap	15	–	A. J. Talbot	Agent	20 p.c. commission	Mar., 1915	
123	Chase	3	–	Mrs. S. H. Gordon	Agent	$65 month	Mar., 1915	Local exchange 29 subscribers. Salary increased $5 month, April, 1919. Spur from Chase 12 miles.
				Office rent		$5 month		
124	Adams Lake	12	–	On Chase Exchange	Agents		Mar., 1915	
125	Fussees Camp	15	–	Adams River Lumber Co.	Agents	20 p.c. commission	Sept., 1919	
126	McKays	3	–	A. R. McKay	Agent	20 p.c. commission	April, 1919	
127	Scotch Creek	3	–	Mrs. J. Lindsay	Agent	20 p.c. commission	Sept., 1919	
128	Acadia	2	–	J. R. Green,	Agent	20 p.c. commission	Aug., 1918	
129	Celestia	8	–	J. R. Reilly	Agent	20 p.c. commission	Mar., 1915	
130	Sorrento	–	2½	F. J. Bayliss	Agent	20 p.c. commission	Mar., 1915	
131	Notch Hill	3	–	Mrs. J. Payette	Agent	20 p.c. commission	Mar., 1915	
132	Davies (lineman)	1	–	R. D. Davies	Lineman	$110	Nov., 1916	Salary increased $10 month, April, 1919.
133	Tappen	9	–	E. Calhoun	Agent	20 p.c. commission	Mar., 1915	
134	Gleneden	4	–	R. G. Kirkpatrick	Agent	20 p.c. commission	Aug., 1915	
135	Brydon Ranch	3	–	L. C. Brydon	Agent	20 p.c. commission	July, 1918	
136	Lewis Ranch	2	–	R. P. Lewis	Agent	20 p.c. commission	July, 1918	Dom. Forestry Spur 5 miles.
137	Salmon Arm	7		Okanagan Telph. Co.	Agents	5 c. switching chgs.	June, 1917	
138	Enderby	17	–	Okanagan Telph. Co.	Agents	$10	June, 1917	
139	Sicamous	25	–	W. K. Finlayson.	Agent	20 p.c. commission	Mar., 1915	
140	Solsqua	5	–	P. Gosden	Agent	20 p.c. commission	Mar., 1915	
141	Bowie	5	–	S. Ylisto	Agent	20 p.c. commission	June, 1916	
142	Malakwa	5	–	J. J. McGlone	Agent	20 p.c. commission	Mar., 1915	
143	Craigellachie	8	–	Mrs. Nellie Briggs	Agent	20 p.c. commission	Feb., 1920	Reopened.
144	Taft	3	–	C. Olson	Agent	20 p.c. commission	Mar., 1915	
145	Three Valley	11	–	A. Rutherford	Agent	20 p.c. commission	Dec., 1916	
146	Revelstoke	16	–	R. Smythe	Agent	20 p.c. commission	Jan., 1916	*Re* W. Cowan.
	Total	228						

ENDERBY-VERNON SECTION.—26 MILES.

	Enderby	0	–	Okanagan Telph. Co.	Agents	Reported		
	Vernon	26	–	Mrs. B. Steward	Agent	Reported		
	Total	26	–					

KELOWNA-WHITEMANS CREEK SECTION.—32 Miles.

	Kelowna	0	-	Reported					
147	Annamoe	3	1	Mrs. S. C. Childers	Agent	20 p.c. commission	Mar.,	1915	
148	Wilson Landing	4	-	G. C. Browse	Agent	20 p.c. commission	Mar.,	1915	
149	Seeleys	2	-	R. H. L. Seeleys	Agent	20 p.c. commission	Mar.,	1919	
150	Big Horn Ranch	2	-	J. G. Perdue	Agent	20 p.c. commission	Mar.,	1919	Spur 2 miles.
151	Leneys	1	-	H. Leneys	Agent	20 p.c. commission	Mar.,	1915	
152	Nahun	1	-	B. Biggin	Agent	20 p.c. commission	Mar.,	1915	
153	Fintry	6	-	J. D. Godwin	Agent	20 p.c. commission	Mar.,	1915	
154	Johns Logging Camp	2	-	E. L. Johns	Agent	20 p.c. commission		1919	
155	Ewings	2	-	L. Richards	Agent	20 p.c. commission	Mar.,	1915	
156	Killiney	2	-	H. P. Hodges	Agent	20 p.c. commission	Mar.,	1915	
157	Greystones	1	-	Mrs. Pease	Agent	20 p.c. commission	Mar.,	1919	Reopened.
158	Whitemans Creek	5	-	V. Willett	Agent	20 p.c. commission	Mar.,	1915	
	Total	31	1						

DUCKS TO GRANDE PRAIRIE SECTION.—23 Miles.

	Ducks	0	-	Reported					
159	Sharpe & Leaders	2	-	Sharpe & Leaders	Agents	20 p.c. commission	June,	1919	
160	Murdocks Camp	2	-	Murdock Bros	Agents	20 p.c. commission	June,	1910	
161	Laylands	2	-	H. D. Laylands	Agent	20 p.c. commission	June,	1918	
162	Woodwards	6	-	J. H. Woodward	Agent	20 p.c. commission	June,	1915	
163	Thompsons Ranch	3	-	J. C. Thompson	Agent	20 p.c. commission	Nov.,	1919	
164	Summit Lake	3	-	C. Ewart	Agent	20 p.c. commission	May,	1919	
165	Rankine Camp	2	-	Rankine Bros	Agents	20 p.c. commission	June,	1919	
166	Grand Prairie	3	-						
	Total	23	-						

PENTICTON-MIDWAY SECTION VIA FAIRVIEW AND OSOYOOS.—96 Miles.

	Penticton	0	-	Reported					
167	Kaleden	8	-	A. S. Hatfield	Agent	20 p.c. commission	Oct.,	1910	Spur 1 mile.
168	Marron Lake	3	-	W. S. Parker	Agent	20 p.c. commission	Dec.,	1915	Spur 3 miles.
169	Okanagan Falls	7	-	W. B. Hine	Agent	20 p.c. commission	Oct.,	1918	
170	Parhams	8	-	G. E. Parham	Agent	20 p.c. commission		1919	
171	Vasseau Lake	2	-	Mrs. K. McKenzie	Agent	20 p.c. commission	July,	1914	
172	Griffins Camp	1	-	A. E. Griffin Co	Agents	20 p.c. commission	Aug.,	1919	
173	Latimers Camp	7	-	F. H. Latimer	Agent	20 p.c. commission	Aug.,	1919	
174	Fairview	2	-	J. R. Brown	Agent	20 p.c. commission	July,	1909	
175	Osoyoos	16	-	G. S. Jermyn	Agent	Salary $5 month	Feb.,	1915	Switching office, Osoyoos-Midway.
176	Oroville	3	-	Pacific Tel. Co	Agents	20 p.c. commission	Jan.,	1916	
177	Osoyoos Lumber Co	11	-	Osoyoos Lumber Co	Agents	20 p.c. commission	Jan.,	1919	
178	Porters Saw Mill	3	-	S. C. Mitchell Co	Agents	20 p.c. commission	Mar.,	1919	
179	Sidley	1	-	J. F. Leighton	Agent	20 p.c. commission	Aug.,	1917	
180	Bridesville	3	-	Mrs. O. G. Johnston	Agent	20 p.c. commission	Mar.,	1918	
181	Rock Creek	8	-	Mrs. I. V. Shillcock	Agent	20 p.c. commission	Feb.,	1915	Switch at this point to B.C. Tel. Co. lines
182	Jacksons	10	-	J. R. Jacksons	Agent	20 p.c. commission	Feb.,	1918	
183	Midway Customs	3	-	R. D. Kerr	Agent	20 p.c. commission	Feb.,	1915	
	Total	96							

MARRITT-MAMETTE LAKE SECTION, INCLUDING CANFORD SPUR.—38 Miles.

No.	Stations.	Intermediate Miles. Land Lines.	Intermediate Miles. Cables.	Name.	Positions.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Merritt	0	-					
181	Coutlee	3	-	H. Cleasby	Subscriber	Merritt Exchange		
185	Lower Nicola	4	-	Tipperary Ranch	Subscriber	Merritt Exchange.		
186	Canford P. O.	4	-	H. T. Shelton	Agent	Merritt Exchange.	Sept., 1915	
187	Steffens Ranch	19	-	F. W. Steffen	Agent	20 p.c. commission	Nov., 1916	
188	Hazelhurst Ranch	4	-	R. Hazelhurst	Agent	20 p.c. commission	July, 1917	
189	Vetlesens Ranch	1	-	G. Vetlesen	Agent	20 p.c. commission	July, 1919	
190	Mamette Lake	3	-	R. Auinville	Agent	20 p.c. commission	July, 1917	
	Total	38						

NELSON-TRAIL SECTION—75 Miles.

191	Nelson	0	0	B.C. Telephone Co.	Agents	5c. switching charge	Feb., 1915	
	Nelson			H. C. Crosby	Lineman	Salary, $110.	July, 1917	Salary increased April 1, '19, $10 month.
192	Apex	6	-	S. Huddleston	Agent	20 p.c. commission	Aug., 1919	
193	Halls Siding	3	-	Mankin Lumber & Pole Co.	Agent	20 p.c. commission	April, 1916	
194	Porto Rico	4	-	Salmon Valley Lumber & Pole Co.	Agent	20 p.c. commission	April, 1916	
195	Churchill Cedar Co	2	-	F. L., Churchill	Agent	20 p.c. commission	Feb., 1918	
196	Ymir	3	-	Mrs. A., Dowling	Agents	20 p.c. commission	Feb., 1918	
197	Boulder Sdg	7	-	Oneil, Irvine & Mann. Ltd.	Agents	20 p.c. commission	Nov., 1919	
198	Salmo	2	-	Salmo Trading Co	Agent	20 p.c. commission	Feb., 1915	
199	Erie	4	-	J. E. Reid.	Agent	20 p.c. commission	Feb., 1915	
200	Meadows	2	-	W. J., Wilson	Agent	20 p.c. commission	Feb., 1916	
201	Park Siding	4	-	J. P. Bell	Agent	20 p.c. commission	Mar., 1918	
202	Fruitvale	2	-	R. J. Bush	Agent	20 p.c. commission	Oct., 1916	
203	Columbia Gardens	7	-	Mrs. A. Leitch	Agent	20 p.c. commission	Jan., 1916	
204	Trail	9	-	B.C. Telegraph Co.	Agent	5c. switching charge	Feb., 1915	
205	Waneta	5	-	F. Adie	Agent	20 p.c. commission	Mar., 1917	
206	Adie's Ranch	2	-	Fred Adie	Subscriber		Mar., 1917	
207	Duncan Ranch	1	-	W. A., Duncan	Subscriber		Mar., 1917	
208	Wicks Ranch	2	-	Mrs. Wick	Subscriber		Mar., 1917	
209	Church's Ranch	4	-	A. E. Church	Subscriber		Mar., 1917	
210	Waneta Power Co.	6	-	Waneta Power Co.	Subscriber		Mar., 1917	
	Total	75						

PROCTOR-CRESTON-YAHK SECTION.—90 Miles.

211	Proctor	0	0	W. A. Ward	Agent	Salary $20 month	May, 1, 1919	Switching office to B.C. Tel. Co.
212	Kootenay Bay	2¼	2¼	W. B., Strathearn	Agent	20 p.c. commission	Mar., 1915	

213	Crawford Bay P.O.	8	–	J. E. Houghton	Agent	20 p.c. commission	Jan ,	1917		
214	Harrison's	1	–	M. J. Harrison	Agent	20 p.c. commission	Mar..	1915		
215	Crawford Bay Wharf	1	–	O. H. Burden	Agent	20 p.c. commission	Mar.,	1915		
217	Grey Creek	4	–	A. W. Lynberry	Agent	20 p.c. commission	Mar.,	1915		
216	Boswell	16	–	J. Coupland	Agent	20 p.c. commission	Mar.,	1915	1 local subscriber (Ellis Ranch).	
218	Kuskanook	8	–	Mrs. M. G. Jones	Agent	20 p.c. commission	Mar.,	1915		
219	Sidar	5	–	T. Rodgers	Agent	20 p.c. commission	Mar.,	1915		
220	Creston	13	–	Creston Telegraph Co.	Agent	20 p.c. commission	Mar.,	1915		
221	Kitchener	16	–	Geo. Hunt	Agent	20 p.c. commission	April,	1919		
222	Cranbrook Saw Mills	2	–	Cranbrook Sash & Door Co.	Agent	20 p.c. commission	July,	1917	Re-opened 1919.	
223	Yahk	11	–	Mrs. E. M. Harrison	Agent	Salary $80 month	July,	1917	Switching office to Kootenay Tel. Co. Salary increased Nov. 1 $3 month.	
	Total	87¼	2¼							

NAKUSP-EDGEWOOD SECTION, ARROW LAKES.—107 Miles.

224	Nakusp	0	0	L. J. Edwards	Agent	Salary $55 month	Dec.,	1912		
				Office rent		$10 month			Includes light and fuel.	
225	Crescent Bay	2	–	E. Gore-Langton	Agent	20 p.c. commission	Aug.,	1919		
226	West Demars	10	–	Miss E. J. Sutherland	Agent	20 p.c. commission	Mar.,	1915	*Re* A. L. McKay.	
227	Rock Island	2	1	R. L. June	Agent	20 p.c. commission	Sept.,	1916		
228	Durkin's	2	–	P. Durkin	Agent	20 p.c. commission	April,	1919		
229	East Arrow Park	1	–	Mrs. L. Campbell	Agent	20 p.c. commission	Jan.,	1917		
230	West Arrow Park	–	1	Miss J. M. Scott	Agent	20 p.c. commission	Mar.,	1915		
231	Riverdale	1		Mrs. L. Keffer	Agent	20 p.c. commission	Feb.,	1915		
232	Makinson's	1	–	Miss E. Graham	Agent	20 p.c. commission	Feb.,	1917		
233	Graham's Landing	2	–	A. J. Graham	Agent	20 p.c. commission	June,	1917		
234	Carrol's Landing	–	2	R. Hendry	Agent	20 p.c. commission	July,	1916		
235	Burton City	1	–	Robt. Stevens	Agent	20 p.c. commission	Dec.,	1913		
236	Fauquiers	15	–	Geo. E. Smedley	Agent	20 p.c. commission	Feb.,	1919		
237	Needles P.O.	1	–	Mr. Leigh	Agent	20 p.c. commission	Nov.,	1919		
238	Needles Ranch	1	–	Mrs. F. G Fauquiers	Agent	20 p.c. commission	Dec.,	1912		
239	Scarwood	1	–	Geo. Heaton	Agent	20 p.c. commission	June,	1915		
240	Forslund	2	–	Capt. A. Forslund	Agent	20 p.c. commission	Mar.,	1919		
241	Edgewood	4	–	W. J. Banting	Agent	20 p.c. commission	Dec.,	1915		
242	Renata	33	–	Miss M. Friesen	Agent	20 p.c. commission	April,	1918		
243	Broadwater	1¼	¾	A. Mackereth	Agent	20 p.c. commission	June,	1917	*Re* G. N. Illingworth.	
244	Deer Park	4	–	E. R. Lacey	Agent	20 p.c. commission	Nov.,	1919		
245	Syringa	6	–	H. Gibson	Agent	20 p.c. commission	Oct.,	1917		
246	Allandale	2	–	A. Hirst	Agent	20 p.c. commission	June,	1917		
247	Irwin's Landing	3	–	J. A. Irwin	Agent	20 p.c. commission	Jan.,	1917		
248	Robson	5	–	Miss M. Fowler	Agent	20 p.c. commission	Jan.,	1917		
249	Castlegar Saw Mills	1	–	M. C. Waldie	Agent	20 p.c. commission	Jan.,	1917		
250	Castlegar	1	–	J. Farmer	Agent	20 p.c. commission	Jan.,	1917		
	Total	102¼	4¼							

GOLDEN-WINDERMERE SECTION.—94 Miles.

251	Golden	0	0	Mrs. B. Shaw	Agent	Salary $75 month	Dec.	1915	Local exchange of 57 subscribers.
				Mrs. M Gould	Telegraph operator	Salary $60 month	Sept.	1917	Salary increased April 1, '19, $5 month.
				Office rent		$15 month			

GOLDEN-WINDERMERE SECTION—94 MILES—*Concluded.*

No.	Stations.	Intermediate Miles. Land Lines.	Intermediate Miles. Cables.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
252	Nicholson	6	–	D. Nicholson	Agent	20 p.c. commission	Mar., 1915	Closed Sept. 3, 1919.
253	Canyon Creek	2	4	W. J. Hobart	Agent	20 p.c. commission	Mar., 1912	
254	Twin Creek Ranch	4	–	F. L. Mitchell	Agent	20 p.c. commission	June, 1917	
255	Forestry Cabin	3	–	Dom. Forestry	Agent	20 p.c. commission	May, 1917	
256	Parsons	8	–	J. Hawkins	Agent	20 p.c. commission	Nov., 1917	
257	Castledale	6	–	R. McKeemans	Agent	20 p.c. commission	Dec., 1915	
258	Spillmacheen	12	–	H. G. Macdonald	Agent	20 p.c. commission	Nov., 1912	
259	Heffner's Landing	1	–	H. G. Low	Agent	20 p.c. commission	Nov., 1912	
260	Rayson's	1	–	H. C. Rayson	Agent	20 p.c. commission	July, 1918	
261	Alton's	2	–	Thos. Alton	Agent	20 p.c. commission	Nov., 1918	
262	Thatcher	2	–	E. G. Thatcher	Agent	20 p.c. commission	July, 1915	
263	Brisco	5	–	A. Wolfenden	Agent	20 p.c. commission	Feb., 1912	
264	Mitchell Ranch	1	–	A. H. Mitchell	Agent	20 p.c. commission	Dec., 1912	
265	McGuinness Ranch	3	–	R. McGuinness	Agent	20 p.c. commission	Nov., 1919	
266	Nixon's	2	–	W. J. Nixon	Agent	20 p.c. commission	Nov., 1916	Closed 1919.
267	Edgewater	6	–	G. G. Gemmell	Agent	20 p.c. commission	Nov., 1917	
268	Larmour	2	–	D. Larmour	Agent	20 p.c. commission	Nov., 1917	
269	Radium Hot Springs	4	–	J. McCullough	Agent	20 p.c. commission	Sept., 1915	
270	Athalmer	13	–	Thos. Barrie	Agent	20 p.c. commission	Oct., 1918	
271	Invermere	2	–	Mrs. M. H. Hope	Agent	Salary $75 month	April, 1912	
				Miss D. Turner	Telegraph operator	Salary $60 month	April, 1915	Salary increased April 1, '19, $5 month
				H. Saunders	Lineman	Salary $110 month	Aug., 1917	Salary increased April 1, '19, $10 month. on Invermere local exchange. 67 subscribers.
272	Wilmer	3	–	Wilmer Mercantile Co.	Agent	20 p.c. commission	July, 1915	
273	Windermere	6	–	J. C. Pitts	Agent	20 p.c. commission	July, 1912	
	Total	94						

VICTTORIA—BAMFIELD SECTION.

Stations.	Intermediate Miles. Land	Intermediate Miles. Cable	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
*Victoria	0	0	F. C. Munn	Agent	$135	Feb. 24, 1919	
Victoria	–	–	Geo. B. Wood	Clerk	$ 90	Nov. 14, 1919	Vice. E. Dowdall, resigned
Victoria	–	–	Harry Turner	Messenger	$ 45	Jan. 1, 1918	
***Gents	17	–	Sarah Gent	Agent	25 p.c.	June 1, 1911	
Gents	–	–	Aaron Gent	Lineman	$110	June 1, 1911	
**Sooke	1½	–	Isabella Milne	Agent	$ 65	Sept. 1, 1913	Office rent $5 per month.
Sooke Exchange	22		33 Subscribers on this Exchange.4				
***Rocky Point	14	–	Thos. Parker	Agent	25 per cent.	Nov. 13, 1914	
**Otter Point	6	–	Mrs. Kate Vogel	Agent	$ 60	Oct. 1, 1908	
***Jordan River	14	–	Wilfred King	Agent	25 p.c.	Oct. 6, 1918	
Jordan River	–	–	E. R. Horwood	Lineman	$110	Mar. 4, 1920	Vice T. R. Lundy, resigned.
***Slide Hill	14	–	Oliver C. Brown	Lineman	$110	Feb. 5, 1920	Vice W. R. Halliday, Svc. D. W.
**Port Renfrew	14	–	Walter Harjey	Agent	$105	June 1, 1919	Vice G. S. Floux, resigned.
Port Renfrew	–	–	D. H. Soule	Lineman	$110	Nov. 13, 1919	Vice T. M. Baird, resigned.
***Camp Bay	17	–	Robt. Allan	Lineman	$110	Sept. 17, 1917	
***Carmanah	8	–	Alex. Allan	Lineman	$110	April 3, 1916	
***Clo-oose	7	–	C. E. Logan	Agent	25 p.c.	May 1, 1920	Vice S. J. Logan, resigned.
Clo-oose	–	–	David Logan	Lineman	$110	April 1, 1898	
***Nitinat	1½	–	C. E. Logan	Agent	25 p.c.		
**Pachena	15	–	Wireless Office				Cut in for test purposes.
Pachena	–	–	David Wishart	Lineman	$110	Sept. 22, 1916	
**Bamfield	15	–	W. A. McGee	Agent	$115	July 1 1915	

Note.—Nitinat Branch installed for use of Nitinat Cannery. Business handled by Miss C. E. Logan, Clo-oose on Commission.

VICTORIA.

Wireless Station	4	–	Accomodation Office			
Prov. Gov't. Bldgs.	½	–	A. E. Starr	Agent	25 p.c.	Nov. 27, 1914
Dist. Supt's. Residence	2 miles.		For night purposes.			
	172½ miles.					

Telephones have been installed on this line for the use of the Pachena Lighthouse; Life Saving Patrol Hut; Tsusiat and Seven Mile River; (latter two places for winter months only), Agent Mrs. Kate Vogel, Otter Point; Lineman Horwood, Jordan River; Lineman Houston, Slide Hill; Lineman Soule, Port Renfrew; Lineman Allan, Camp Bay; Lineman Allan, Carmanah; Agent Harvey, Port Renfrew; Agent Logan, Clo-oose; Lineman's Shelter Cabin; Agent McGee, Bamfield; 2 at Life Saving Station, Bamfield Lighthouse, Cape Beale (latter on line maintained by Marine and Fisheries Dept.)

Lineman Gent looks after Main Line, Victoria to Sooke, also Rocky Point Line.

Lineman Horwood looks after Main Line, Sooke to Jordan River including Sooke Exchange.

The Wire 2½ miles out from Victoria on Jordan River Line owned by British Columbia Telephone Co. and used by us on mutual agreement.

The Loop 4½ miles in Victoria to Wireless Station on British Columbia Telephone Co's. poles on mutual arrangement.

The Loop 1 mile to Dist. Superintendent's residence on British Columbia Telephone Co's. poles on mutual arrangement.

ALBERNI-BAMFIELD SECTION.

Stations.	Intermediate Miles. Land	Intermediate Miles. Cable	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
*Albernia	0	0	Mrs. P. A. Haslam	Agent	$100	Dec. 1, 1902	$5 per month allowed for rent.
**Port Alberni	2	-	R. S. Bailey.	Agent	$120	Juae 10, 1919	Vice E. G. Garrard, resigned.
Port Alberni			Wm. Crowshaw	Lineman.	$110	Jan. 3, 1919	
**Murdocks Landing.	15	-	Wm. Crowshaw..	Agent	Free	Mar. 31, 1919	
***San Mateo.	13		Gosse Millard Co	Agent	Sub'n. $2.50.	Sept. 10, 1918	
**Bamfield	23		W. A. McGee	Agent	$115	July 1, 1915,	
Bamfield..		-	Alex. Hoskins	Lineman	$110	Sept. 22, 1918	
	53 miles						

Branch Line to Bamfield from Cape Beale, also to Life Saving Station, Bamfield, transferred to Marine and Fisheries Dept., as the line is entirely for their use.

ALBERNI-CLAYOQUOT SECTION.

**Port Alberni.	2	0	R. S. Bailey.	Agent	$120	June 10, 1919	
Port Alberni.			Wm. Crowshaw.	Lineman.	$110	Jan. 3, 1919.	
Franklin Creek	8	1					Line crossed Alberni Canal here by Submarine Cable.
**Uchucklesit	22	-	A. H. Bellamy	Agt. Lineman	$110	April 27, 1918	
**Toquart	9		Wm. Schofield	Agt. Lineman.	$110	April 28, 1919	Vice J. E. Hillier, resigned, office Bldg. as residence.
***Sechart	7½	2	Accomodation Office.				Office Bldg., occupied as residence.
**Ucluelet	21.		H. J. Hillier.	Act. Lineman	$110	Dec. 1, 1902	
***Long Beach	-	-	Accomodation Office.				Point of connection from Main Lines to Branch Lines.
**Tofino.	30¼	-	F. C. Garrard	Agt. Lineman.	$110	April 1, 1911	
	103¼	3					
**Clayoquot	0	1	E. G. Brown..	Agent	$110	Feb. 4, 1918	
Misquito Harbour	9½	1					
Kalapa Mines	4						
Race Narrows	½	½					
Bear River..	10½						
Clayoquot Sound	11½	-	Accomodation Office	Tofino Clayoquot Sound	Section		Clayoquot Sound Canning Co.
Leonard Isd. Light	-	1½	Accomodation Office	Tofino Leonard Island	Light Sect		Disconnected.
	139¼	6½					

CLAYOQUOT-NOOTKA SECTION.

Clayoquot.	0	0	E. G. Brown..	Agent	$110		
***Vargas Isd	½	1½	P. A. Hovelaque..	Agent	25 p.c	Feb. 29, 1920	Vice E. W. Abraham, resigned.
***Ahousat.	7	4½	J. A. Millar.	Agent	25 p.c.	Jan. 1 1919	
***Riley's Cove	11½	-	C. L. Dixon	Lineman	$110	Feb. 23, 1920	Vice E. R. Horwood, transferred.
**Sidney Inlet	4½	-	L. W. Carter	Agent	Sub'n $2 50.	Feb. 1, 1917	

***Hesquiat	12	2	Rev. Chas. Moser	Agent	25 p.c	Aug. 1, 1914		
***Estevan	6	2¼	A. C. Cole	Agt. Lineman	$110	Sept. 6 1919	Vice C. W. Griswold, transferred.	
***Nootka	21¾	2¾	W. R. Lord	Agent	Free	Oct. 15 1916		
***Clayoquot	0	0	E. G. Brown	Agent				
***Opitsat	–	½	G. D. Simon	Agent	25 p.c. commission	Nov. 1, 1916		
***Kakawis	1	–	Rev. Chas. Moser	Agent	25 p.c. commission	Aug. 4, 1919		
	64	12¼						

NANAIMO-COMOX-CAMPBELL RIVER SECTION.

**Nanaimo	0	0	H. W. Spencer	Agent	$120	July 15, 1919		
*Wellington	5	–	T. C. Buckingham	Agent	25 p.c. commission	Feb. 15, 1920	Vice O. W. Dey, resigned.	
*Parksville	23	–	A. S. Gillespie	Agent	$120	April 19, 1915		
*Parksville	–	–	Wm. Mills	Lineman	$110	June 1, 1903		
**Union Bay	29	–	Fred Brown	Agent	$110	Dec. 16, 1913		
**Union Bay	–	–	Thos. Hudson	Lineman	$110	Nov. 17, 1898		
*Cumberland	10	–	J. H. Robertson	Agent	$110	July 19, 1916		
*Courtenay	7	–	John Aitken	Agent	$110	Feb. 1, 1912		
†Comox	8	–	Mrs. M. Smith	Agent	$ 80	Sept. 1, 1911	$5 per month allowed office rent.	
***Oyster River	32	–	Miss B. Woodhus	Agent	25 p.c. commission	April 1, 1909		
**Campbell River	4	–	Sam Wallace	Agent	$120	Sept. 26, 1919	Vice S. Kincaid, transferred.	
**Campbell River	–	–	Jas. McNeil	Lineman	$110	Sept. 15, 1919	Vice G. West, employed elsewhere.	
	118 miles.							

NOTE.—B. C. Telephone Company use our poles on this section for 36 miles by mutual arrangement.

PARKSVILLE ALBERNI SECTION (BRANCH).

Parksville	0	0	A. S. Gillespie	Agent	$120	April 19, 1915	
Parksville	–	–	Thos. Hirst	Lineman	$110	Feb. 4, 1911	
Alberni	30	–	Mrs. P. A. Haslam	Agent			Reported.
Alberni	–	–	A. A. Lynn	Lineman	$110	April 1, 1912	

NOTE.—B. C. Telephone Company use our poles on this section for 19¾ miles, paying therefor $4. per mile per annum.

COMOX-CAPE LAZO BRANCH.

*Comox	0	0	Mrs. M. Smith	Agent	$80	Sept. 1, 1911	
*Cape Lazo	6	–	Government Wireless				To give connection to Wireless Station Line locally repaired.

NOTE.—B. C. Telephone Company use our poles on this branch 4 miles by mutual arrangement.

UNION BAY-DENMAN AND HORNBY ISLAND BRANCH.

Stations.	Intermediate Miles. Land.	Intermediate Miles. Cable.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
**Union Bay	0	0	Fred Brown	Agent	$110		
Cable Landing							
***North Denman Island	7	1	Westley Piercy	Agent	25 p.c. commission	Feb. 1, 1908	
***South Denman Island	5½	–	Thos. Chalmers	Agent	25 p.c. commission	Feb. 1, 1908	
***South Hornby Island	1½	1	Thos. Smith	Agent	25 p.c. commission	Feb. 1, 1908	
***North Hornby Island	9	–	Geo. Harwood	Agent	25 p.c. commission	June 21, 1916	
	23	2					

NANAIMO-GABRIOLA ISLAND BRANCH.

**Nanaimo	0	0	H. W. Spencer	Agent	$120	July 15, 1919	
***Nanaimo River	5¼	–	Jas. Gordon	Agent	25 p.c. commission	Nov. 1, 1910	
***North Gabriola	1¾	1¾	Margaret Bennett	Agent	25 p.c. commission	Mar. 11, 1917	
***Yuscila Beach	1	–	J. C. Eaton	Agent	25 p.c. commission	June 10, 1916	
***Entrance Island	–	1½	A. I. Thomas	Agent	Free	June 30, 1919	
***Cent. Gabriola	5	–	Dom. Brick and Shale Co.	Agent	Sub'n $2.50	July 25, 1917	
***Shaws	–	–	Mrs. W. N. Shaw	Agent	25 p.c. commission	June 1, 1912	
**South Gabriola	12	–	Jas. Degnen	Agent	25 p.c. commission	Feb. 1, 1909	
	25	3¼					

NOTE.—Our line is on B. C. Telephone Company's poles 5½ miles out of Nanaimo by mutual arrangement.

CAMPBELL RIVER-QUATSINO-FISHERMAN BAY SECTION.

**Campbell River	0	0	Sam. Wallace	Agent	$120		
***Duncan Bay	7	–	J. D. Rumsey	Agent	Sub'n $2.50	Oct. 19, 1918	
***Menzies Bay	6	–	W. T. Norton	Agent	25 p.c. commission	Mar. 1, 1920	Vice D. Geremiason.
***Elk Bay	3	–	Elk Bay Timber Co.	Agent	25 p.c. commission	Mar. 1, 1920	
**Rock Bay	12	–	Len Mason	Agent	$115	Nov. 15, 1917	
**Rock Bay	–	–	C. E. Greany	Lineman	$110	Oct. 9, 1917	
***Sayward	23	–	H. Otto Sacht	Agent	25 p.c. commission	Mar. 27, 1915	
***Beaver Cove	–	–	J. A. Brownrigg	Agent	25 p.c. commission	Oct. 1, 1919	Re-opened.
**Nimpkish	55½	–	C. J. Love	Agent	$115	Sept. 22, 1919	
**Nimpkish	–	–	Michael Ward	Lineman	$110	Sept. 22, 1919	
**Nimpkish	–	–	C. H. Mead	Lineman	$110	Feb 5, 1920	Vice A. Edgington.
***Alert Bay	3	1	M. C. Potts	Agent	25 p.c. commission	Mar. 3, 1913	

***Sointula	2	3	Vaino Granfors	Agent	25 p.c. commission	Oct. 23, 1918	
***Suquash	11	–	A. Scothorn	Agent	Free	Mar. 1, 1915	
***Fort Rupert	15	–	H. T. Cadwallader	Agent	25 p.c. commission	Mar. 26, 1915	
***Port Hardy	3	–	Miss A. M. Lyon	Agent	25 p.c. commission	Oct. 15, 1917	
***Coal Harbor	13	–	Clarice A. Hole	Agent (Switching)	$ 20	Jan. 1, 1920	Vice A. E. Hole, resigned.
** Quatsino	5	2	E. A. Hawley	Agent	$115	Nov. 16, 1918	
** Quatsino	–	–	Thos. Ildstad	Lineman	$110	Mar. 31, 1916	
***Holberg	22	–	A. Hansen	Agent	25 p.c. commission	July 1, 1917	
***Holberg	–	–	E. J. Olsen	Lineman	$55	Jan. 1, 1917	
***Langdale	2	–	Knud Hansen	Agent	25 p.c. commission	Aug. 3, 1915	
***San Josef Bay	13	–	H. A. Holsen	Agent	25 p.c. commission	April 1, 1915	
***Sea Otter Cove	1¼	–	Hy. Petersen	Agent	25 p.c. commission	Aug. 3, 1915	
***Fisherman Bay	9	–	J. E. Vick	Agent-Lineman	$55	April 1, 1915	
***Cape Scott	4	–	Wm. Gibbs	Agent	25 p.c. commission	Aug. 3, 1915	
	209¾	6					

Note.—Part of Lineman E. J. Olsen and J. E. Vick's time taken as linemen, hence salary only $55.

FISHERMAN BAY-SHUSHARTIE BAY EXTENSION.

***Fisherman Bay	0	0	J. E. Vick	Agent			
***Strandby	9	0	H. Shuttleworth	Agent	25 p.c. commission	May 1, 1917	
***Hahwitti	8	–	A. E. Higgins	Agent-Lineman	$55	Oct. 1, 1915	
***Shushartie Bay	9	–	J. J. Skinner	Agent	25 p.c. commission	Dec. 16, 1916	
***Shushartie Cannery	2	–	T. Rowecliffe	Agent	25 p.c. commission	July 1, 1919	Vice P. F. Fraser, resigned.
	28	–					

Note.—Part of Lineman Higgins time taken as lineman here at salary of $55.

CAMPBELL RIVER-POWELL RIVER SECTION.

**Campbell River	0	0	Sam Wallace	Agent.			
***Quathiaski Cove	2	1	W. E. Anderson	Agent	25 p.c. commission	Nov. 1, 1910	
***Heriot Bay	9¾	–	H. A. Bull	Agent	25 p.c. commission	Nov. 1, 1910	
***Bagots	1½	–	Frank Bagot	Agent-Lineman	$38.50	May 4, 1919	
***Whaletown	2	1¾	Nicholas Thompson	Agent	25 p.c. commission	May 23, 1919	
***Bold Point	–	–	Mrs. S. O. Elder	Agent	25 p.c. commission	April 1, 1916	
***Hyacinthe Bay	–	–	Wm. Law	Agent	25 p.c. commission	Dec. 7, 1917	
***Mary Island	5	3	Jas. Milne	Agent	25 p.c. commission	Oct. 1, 1912	
***Cortez Island	9	1	Mrs. E. B. Hurren	Agent	25 p.c. commission	Jan. 15, 1917	
***Bishop's Landing	4	3	P. W. Bishop	Agent	25 p.c. commission	Nov. 4, 1916	
**Lund (Mainland)	10	–	J. A. Cunningham	Agent-Lineman	$110	July 9, 1917	
***Sliammon	12	–	Basil Nicholson	Agent	25 p.c. commission	Aug. 14, 1919	
**Powell River	3	–	Sam Kincaid	Agent	$120	Oct. 1, 1919	Vice R. W. Bishop, resigned.
**Powell River			C. W. Griswold	Lineman	$110	Nov. 10, 1919	Vice J. E. Lee, transferred.
**Powell River			A. G. Hill	Messenger	$45	Sept. 28, 1917	
***Blubber Bay	–	5½	S. B. Hughes	Agent	25 p.c. commission	July 30, 1919	Vice W. A. Walker, resigned.
***Van Anda	6	–	Mrs. Minnie Barnes	Agent	25 p.c. commission	Oct. 1, 1919	Vice Jos. Barnes, services dispensed with.
Total	64¼	15¼					

Land Line on Valdez Island repaired by F. H. Bagot and paid $38.50 for part of his time only.
Land Line on Mary Island repaired by Jas. Milne and paid for only the time occupied in making repairs.
Land Line on Cortez Island repaired by A. Hamerech and paid for only the time occupied in making repairs.
Land Line on Texada Island repaired by W. A. Walker and paid for only the time occupied in making repairs.

POWELL RIVER-VANCOUVER SECTION.

Stations.	Intermediate Distance. Land.	Cable.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
**Powell River	0	0	Sam Kincaid	Agent.			
***Lang Bay	15	–	G. E. Mallory	Agent	25 p.c. commission	Dec 31, 1919	Vice F. S. Deal, resigned.
***Stillwater	3	–	J. Hughes	Agent	25 p.c. commission	Mar. 10, 1920	Vice C. C. Muir, resigned.
***Hardy Island	3½	2½	T. B. Brazil	Agent	25 p.c. commission	Mar. 29, 1918	
***Nelson Island	5¼	1¼	E. J. Myers	Agent-Lineman	$110	Nov. 11, 1919	Vice Rod McKay, resigned.
***Green Bay	–	–	Jas. Mowat	Agent	Sub'n $2.50	May 1, 1917	Office closed Nov. 31, 1919.
***Pender Harbour	4½	¾	Theo Dames	Agent	25 p.c. commission	July 15, 1913	
***Donley's Landing	–	–	D. Olmstead	Agent	25 p.c. commission	Dec. 17, 1919	Vice R. Donley, resigned.
***Secret Cove	10	–	Mrs. F. Stump	Agent	25 p.c. commission	Sept. 1, 1919	Vice Eveline Rene, resigned.
***Half Moon Bay	7½	–	Mrs. C. Lyell	Agent	25 p.c. commission	May 17, 1913	
***Half Moon Bay	–	–	J. E. Lee	Lineman	$110	Nov. 11, 1919	Vice E. J. Myers, transferred.
**Sechelt	6	1	A. Grant	Agent	25 p.c. commission	Dec. 1, 1915	
**Sechelt	10	–	Gordon Grasett	Agent	$110	Aug. 16, 1919	Vice J. E. Fulton, resigned.
***Selma Park	–	–	Geo. West	Lineman	$110	May 31, 1913	
***Wilson Creek	1	–	Union Bay S.S. Co	Agent	Free	Feb. 19, 1920	
***Roberts Creek	2	–	Geo. Walker	Agent	25 p.c. commission	June 21, 1918	
***Gibsons Landing	2½	–	Harry Roberts	Agent	25 p.c. commission	Aug. 16, 1916	
***Stoltz Camp	9½	7½	W. W. Winn	Agent	25 p.c. commission	May 15, 1913	
***McNairs Camp	–	–	L. A. Rhodes	Agent	Sub'n $2.50, 25 p.c.	Feb. 15, 1920	
***Seaside Park	–	–	Marion Penman	Agent	Sub'n $2.50, 25 p.c.	Feb. 15, 1920	
**Bowen Island	6½	–	Geo. Cates	Agent	25 p.c. commission	Oct. 27, 1916	
***Point Cowan	5½	4½	L. J. Gleeson	Agent	$110	Feb. 1, 1914	
***Whytecliff	6½	–	W. J. Dunston	Agent	25 p.c. commission	Sept. 12, 1919	Vice C. W. Peck, resigned.
*North Vancouver	2	2	F. D. Wilson	Agent-Lineman	$120	Oct. 6, 1913	
*Vancouver	15½	–	Mrs. E. C. Williams	Agent	$80	Feb. 20, 1914	
*Vancouver	5	–	Jas. McNeil	Agent	$140	Feb. 24, 1919	
*Vancouver	–	–	W. E. Asson	Operator	$100	Mar. 24, 1920	Vice A. B. Hanson, transferred.
*Vancouzer	–	–	M. F. McEwan	Clerk	$75	Mar. 19, 1920	Vice C. H. Mead, transferred.
*Vancouver	–	–	Rene E. Dennis	Tel. Asst.	$75	Dec. 24, 1918	
*Vancouver	–	–	R. C. Angel	Messenger	$45	Sept. 1, 1919	
*Vancouver	–	–	C. Terry	Messenger	$45	Nov. 10, 1919	
*Vancouver	–	–	H. E. Elsden	Gen. Line Foreman	$115	Dec. 1, 1919	
Total	121¼	19½					

SECHELT-SHAW COVE-EGMONT BRANCH.

This branch is under construction, about 19 miles complete at this date.

NOTE.—The wire for 2½ miles out of Vancouver is owned by the B.C. Telephone Compeny and used by mutual arrangement.
Land Line on Hardy Island repaired by Agent Brazil, and paid only for time occupied in executing repairs.
Land Line on Bowen Island repaired by Agent Gleeson who acts as line repairer.

VANCOUVER-SQUAMISH SECTION.

**North Vancouver	0	0	Mrs. E. C. Williams	Agent			
***Eagle Harbour	10	–	Eagle Harbour Pkg. Co	Agent	Free	May 17, 1913	Closed Nov. 1, 1919.
***Porteau	17	–	Decks Gravel Co	Agent	Free	Mar. 1, 1917	

***Britannia Beach	7	–	E. J. Donohue	Agent	25 p.c. commission	Mar. 4, 1914	
***Mill Creek	3	1½	Frank Devitt	Agent	Free	April 5, 1915	Now Woodfibre.
**Squamish	7½	–	E. S. Reeve	Agent	$120.00	Oct. 1, 1913	
Total	44½	1½					

SALT SPRING ISLAND LINE (Telephone).

***Duncan	0	0	Miss M. Robertson	Agent	$75	Mar. 1, 1912	
***Chisholms	15¾	½	A. J. Chisholm	Agent	25 p.c. commission	April 8, 1916	
***Trenches	3	0	C. N. Trench	Subscriber		Mar. 1, 1912	
***South Salt Spring	4	0	R. P. Edwards	Agent	25 p.c. commission	Dec. 1, 1912	
***Fulford Harbour	6½	–	L. D. Drummond	Agent	25 p.c. commission	Mar. 24, 1920	Vice Mrs. M. Lasseter, resigned.
***Beaver Point	2	–	W. D. Patterson	Agent	25 p.c. commission	Jan. 1, 1916	
***Prices	–	–	Harold Price	Subscriber		Mar. 20, 1915	
***Cushion Cove Farm	3	–	Bulman	Agent	Sub'n	Sept. 1, 1911	
***Cushion Cove	6	–	J. D. Reynolds	Agent	Sub'n	Mar. 24, 1920	
***Horels	2	–	Jas. Horel	Lineman	$110	Sept. 1, 1911	
***Ganges Harbour	6	–	Miss G. D. Layard	Agent	$75	Oct. 16, 1915	
***Ganges Exchange	40	–	57 subscribers on this exchange.				
***Blackburns	–	–	E. M. Blackburn	Agent	25 p.c. commission	Oct. 8, 1918	
***Henrys	–	2½	John Henry	Agent	25 p.c. commission	Nov. 15, 1914	
***Bedwell Harbour	2½	–	Mrs. L. Spalding	Agent	25 p.c. commission	Oct. 1, 1908	Cable crosses here.
***South Pender Island	1½	–	L. S. Higgs	Agent	25 p.c. commission	May 1, 1913	
***Browning Harbour	6½	–	J. A. Brackett	Agent	25 p.c. commission	Jan. 1, 1908	
***Hope Bay	2⅓	–	S. P. Corbett	Agent	25 p.c. commission	Oct. 1, 1911	
***Pt. Washington	4	–	Spencer Percival	Agent	25 p.c. commission	June 1, 1914	
***Mayne Isd. Hotel	7	¾	C. J. McDonald	Agent	25 p.c. commission	Dec. 1, 1908	
***Active Pass Light	1½	1	Geo. Georgeson	Agent	25 p.c. commission	Dec. 1, 1908	
***Galiano Isd	3	–	Burrill Bros.	Agent	25 p.c. commission	Dec. 1, 1908	
***Lyall Harbour	1	–	D. MacFadyen	Agent	25 p.c. commission	Dec. 1, 1919	
***Saturna Isd	1½	2⅓	G. F. Payne	Agent	Free	April 17, 1914	
Total	119¼	7¼					

Subscribers pay $24 yearly rental, and regular tariff.

Repairs made to land lines on the various sections as under, only actual time occupied in making repairs paid for.

Duncan to Sansun Narrows, A. J. Chisholm; Pender Island, J. A. Brackett; Mayne Island, A. Deacon; Galiano Island, Burrill Bros. All salaries on this line increased to present rating on April 1, 1919.

Telephone Exchange, Ganges, opened Nov. 11, 1914, with 33 subscribers who pay $24 per year. This No. is now 57.

SIDNEY-GANGES TELEPHONE LINE.

***Sidney	0	0	B.C. Telephone Co.	Agents		July 1, 1910	Rate 5c. per call.
***Knapp Island	3	1	J. S. Harvey	Agent	Free	Free, 1915	
***Fulford Harbour	6	2	L. D. Drummond	Agent	25 p.c. commission	Mar. 24, 1920	Vice Mrs. M. Lasseter, resigned.
***Ganges	9	–	Miss G. D. Layard	Agent	$75	Oct. 16, 1915	
Total	18	3					

NOTE.—Sidney-Ganges Line on Salt Spring Island. Line repairs made by James Horel, Lineman.

SIDNEY & SIDNEY ISLAND LINE (Telephone).

Stations.	Intermediate Distance.		Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Land-	Cable					
***Sidney	0	0	B.C. Tel. Co.	Agents			
***Sidney Island	3	2	J. L. Skene	Agent	Free	Feb. 6, 1920	Office re-opened.
***Abergeldie	–	–	James Turner	Agent	Sub'n	Feb. 6, 1920	
Total	3	2					

BAMBERTON WORKS-KEATING BRANCH.

***Bamberton Works	0	2	A. H. Anderson	Agent	Free	Connected with B.C. Tel. Co.	
***James Island	3½	1	Canadian Explosives	Agent	Free	Dec. 7, 1914	
Total	3½	3					

CHEMAINUS-KUPER-THETIS LINE.

***Chemainus	0	0	B.C. Telephone Co.	Agent		June 1, 1912	
***Kuper Island	–	4	Rev. Jos. Geurts	Agent	25 p.c. commission	Sept. 1, 1913	
***Thetis Island	1	–	A. W. B. Foot	Agent	Sub'n	May 1, 1914	
***Gorphwysfa	1	–	G. L. Wood	Agent	Sub'n	Dec. 1, 1915	Closed Dec. 31, 1919.
***Burchells	1½	–	H. Burchell	Agent	Sub'n	Sept. 1, 1914	
***Heneage	¾	–	A. Heneage	Agent	Sub'n	Oct. 1, 1912	
Total	4¼	4					

Line ou Thetis and Kuper Islands repaired by V. G. Ley and paid for only for time occupied in making repairs.

DISTRICT SUPERINTENDENT'S STAFF.

		Wm. Dee	District Superintendent	$150	Sept. 1, 1913	
		F. E. Purdy	Clerk and book-keeper	$115	Nov. 15, 1918	

NOTE.—All salaries to agents and lineman on Vancouver Island lines, were increased April 1, 1919.

**Ashcroft	0	C. E. Gooding	Dist. supt	$175 00		40 p.c. paid by C.P.
		J. J. Berry	Local manager	155 00		40 p.c. paid by C.P.
		Robert Barker	Night operator	135 00		40 p.c. paid by C.P.
		R. G. Bishop	Day operator	125 00		
		Camille Gooding	Book-keeper	87 50		
		Elsie Sutherland	Exchange operator	60 00		
		W. P. Percival	Messenger	35 00		40 p.c. paid by C.P.
***Doughertys	23	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**Clinton	10	P. L. LeBourdais	Operator lineman	$120 00		$5.50 a month rent and postage allowed.
**Clinton		M. A. LeBourdais	Messenger	15 00		
***Pollards	2½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
*** 59 Mile House	12	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
*** 70 Mile House	11	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
*** 74 Mile House	4	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
*** 83 Mile House	9	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***100 Mile House	17	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***105 Mile House	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**115 Mile House	10	R. S. S. Morton	Operator lineman	$120 00		$5 per month allowed rent.
***118 Mile House	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***121 Mile House	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***122 Mile House	1	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***127 Mile House	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***134 Mile House	7	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***141 Mile House	7	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**150 Mile House	9	J. B. Rutledge	Operator lineman	$125 00		$10 a month allowed rent and postage.
150 Mile House	9	A. E. Rutledge	Assistant and messgr.	30 00		
***153 Mile House	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***158 Mile House	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Lynes	11	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**Soda Creek	9	J. A. Bowles	Operator lineman	$120 00		Agent pays $2.50 per month rental.
***Pickards	6	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Castle Rock	9	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Roweds	2½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Anders	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***4 Mile Creek	1½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***6 Mile Creek	2	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Moffatts	2	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Windts	2½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Yorstons	3	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Hilborns	2	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Shepherds	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
**Quesnel	15	Louis Le Bourdais	Operator lineman	$120 00		
**Quesnel		Kate Le Bourdais	Assistant and messgr.	30 00		
*Blackwater	28	S. H. Patenaude	Operator lineman	125 00		
*Bobtail Lake	37	R. W. Walters	Operator lineman	125 00		
**Nechacco	32	Alfred Ferland	Operator lineman	125 00		
***Vanderhoof	12	C. A. Mitchell		25 p.c. commission		18 subscribers at $2.50 per month each
**Fort Fraser	21	L. R. Seldon	Operator lineman	$125 00		
*Endako	18	Harry Leduke	Operator lineman	125 00		
**Burns Lake	37	R. A. Slaker	Operator lineman	125 00		
*South Bulkley	27	W. N. Clark	Operator lineman	125 00		

DISTRICT SUPERINTENDENT'S STAFF—*Concluded.*

Stations.	Intermediate Distance.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Land					
***Forestdale	4	Commission office		25 p.c. T.L.		
***Pioneer Ranch	10	Commission office		25 p.c. T.L.		
**North Bulkley	4	E. G. Ayliffe	Operator lineman	$125 00		
**Telkwa	2	W. M. Boyle	Operator lineman	125 00		Telephone installed at Rattenbury Lands, J. J. McNeil's and Prov. Police rental $2.50 per month.
**Smithers	15	Wm. Mitchell	Operator lineman	125 00		Nine local telephones subscribed at $2.50 per month each.
***Sealey's Ranch	6	Commission office				local telephones subscribed at $2.50 per month each.
***Chapman's Ranch	4½	Commission office				local telephones subscribed at $2.50 per month each.
***Wilson's Ranch	3½	Commission office				local telephones subscribed at $2.50 per month each.
***Downey's Ranch	1	Commission office				local telephones subscribed at $2.50 per month each.
***Moricetown	7	Commission office				local telephones subscribed at $2.50 per month each.
**Hazelton	28	L. A. Graef	Local manager	$155 00		
		J. Wrathall	Night operator	140 00		16 telephone subscribers at $2.50 per month on local telephone line, Hazelton also composite telephone installed at Provincial Police office, rental $2.50 per month.
		K. Halliday	Day operator	135 00		
		Wm. Blackstock	Line foreman	120 00		
		Robert Wattie	Clerk and messenger	75 00		
***Glenvowell	7	Commission office				Rental $2.50 per month.
***Kispiox	3	Commission office				Rental $2.50 per month.
**First Cabin	21	Jas. Withrow	Operator linman	$125 00		
**Second Cabin	33	F. B. Dowling	Operator	100 00		Provisions supplied.
		W. G. Martin	Lineman	95 00		
**Third Cabin	25	A. R. Macdonald	Operator	$100 00		Provisions supplied.
		J. S. Hicks	Lineman	95 00		
*Fourth Cabin	20	G. W. Smith	Operator	100 00		Provisions supplied.
		James Smith	Lineman	95 00		
*Fifth Cabin	20	J. J. Dore	Operator	115 00		Provisions supplied.
		Hugh McKay	Lineman	105 00		
*Sixth Cabin	20	Wm. Murdoch	Operator	115 00		Provisions supplied.
		E. A Loring	Lineman	105 00		
*Seventh Cabin	19	Robert Todd	Operator	115 00		Provisions supplied.
		Carl Jepson	Lineman	105 00		
*Eighth Cabin	19	J. A Hodder	Operator	115 00		Provisions supplied.
		Chas. P. Janze	Lineman	105 00		
*Ninth Cabin	17	W. H. Larmer	Operator	115 00		Provisions supplied.
		Robert Hayson	Lineman	105 00		
*Echo Lake	32	Angus McKay	Operator	115 00		Provisions supplied.
		W. H. Blake	Lineman	105 00		
**Iskoot	41	A. L. Wilson	Operator	115 00		Provisions supplied.
		Peter Hamlin	Lineman	105 00		
**Telegraph Creek	61	F. N. Jackson	Operator	145 00		Salary only...
**Shesley	45	Daniel Fraser	Operator lineman	115 00		Provisions supplied.

**Nahlin	61	Geo. B. Ball	Operator lineman	115 00		Provisions supplied.
**Nakina	49	C. J. Thomas	Operator lineman	115 00		Provisions supplied.
**Atlin	63	A. B. Taylor	Local manager	121 50		$60 per month board allowance.
**Tagish	75	R. A. Gooding	Operator	100 00		50 per month board allowance.
		Angus Morrison	Lineman	95 00		50 per month board allowance.
*Carcross	18	S. E. Chambers	Operator	92 50		40 per month board allowance.
*White Horse	65	G. S. Fleming	Dist. superintendent	210 00		Salary only.
		J. B. Watson	Operator	160 00		Salary only.
		Howard Warne	Messenger	65 00		Salary only.
*Lower Lebarge	59	J. D. Lawrence	Operator	100 00		$50 per month board allowance.
*Hootalinqua	30	John Ward	Operator	100 00		50 per month board allowance.
***Mason's Landing	35	Commission office		25 p.c. T.L.		Branch line.
***Livingstone Creek	35	Commission office		25 p.c. T.L.		Bpanch line.
*Big Salmon	34	Edward Barrett	Operator	100 00		$50 per month board allowance.
*Carmacks	42	Howard McMillan	Operator	100 00		50 per month board allowance.
*Fort Selkirk	8	R. P. Hall	Operator lineman	100 00		50 per month board allowance.
*Stewart River	75	B. D. Dewitt	Operator lineman	100 00		50 per month board allowance.
*Ogilvie	23	G. C. Swinehart	Operator lineman	100 00		50 per month board allowance.
*Dawson	48	Wm. Brownlow	Local manager	150 00		100 per month board allowance.
		G. A. Maclachlan	Operator	125 00		100 per month board allowance.
		J. H. Grant	Messenger	90 00		Salary only
		G. A. Couture	Lineman	125 00		$100 per month board allowance.
*Forty Mile	55	Wilfred Lafontaine		100 00		50 per month board allowance.
*Boundary	40					Connection made here with United States Govt. Alaskan Line.

SILVER STANDARD LINE.

**New Hazelton	0					
***Silver Standard Mill	2	Commission office				$2.50 per month.
***Silver Standard Mine	4	Commission office				2.50 per month.

SKEENA CROSSING LINE.

**New Hazelton	0					
***Brickendens Ranch	6	Commission office				$2.50 per month.
***Hansons Tie Camp	1	Commission office				2.50 per month.
***Delta Mines (private line from Carnaby)		Commission office				2.50 per month.
***Tranville (private line from Carnaby)		Commission office				
***Skeena Crossing	8	Commission office				2.50 per month.

HAZELTON—PRINCE RUPERT BRANCH.

**Hazelton	0					
**New Hazelton	4	V. F. Dunn	Operator lineman	$125 00		8 telephone subscribers at $2.50 on local telephone line Hazelton.
*Kitwanger	16	W. C. Washburn	Operator lineman	125 00		

HAZELTON—PRINCE RUPERT BRANCH—*Concluded.*

Stations.	Intermediate Miles.	Name.	Position.	Salary per month or Commission.	Date of Appointment.	Remarks.
	Lines. Cables					
***Cedarvale	21	Commission office				
*Dorreen	15	C. E. Cadden	Operator lineman	$125 00		
***Royal Mills	15	Commission office		25 p.c.		Rental $2.50 per month.
**Usk	3	C. W. Binham	Operator lineman	125 00		
**Terrace	18	H. B. Birch	Operator lineman	130 00		Telephone installed, office rent $2.50 per month.
		Wm. West	Assistant lineman	60 00		
***Remo	10	Commission office		25 p.c.		Rental $2.50 per month.
***Lakelse Mill	1	Commission office		25 p.c.		Rental $2.50 per month.
*Graveyard Pt	7	H. L. McNeill	Operator lineman	125 00		
**Hole in Wall	15	Wm. Horwill	Operator lineman	225 00		
**Telegraph Pt	18	Edward Chesley	Operator lineman	125 00		
***Ky-Ex Mills	9	Commission office		25 p.c.		Rental $2.50 per month.
**Haysport	9	J. W. Ferguson	Operator lineman	125 00		
		James Adams	Launch service	50 00		
***Port Essington		G. A. Taylor	Agent	10 00		
***Sunnyside	9	Commission office		25 p.c.		Rental $2.50 per month.
***Cassiar	1	Commission office		25 p.c.		Rental $2.50 per month.
***North Pacific	2	Commission office				Rental $2.50 per month.
***Inverness	1	Commission office				Rental $2.50 per month.
***Port Edward	2	Commission office				Rental $2.50 per month.
		A. J. Edlund	Lineman	125 00		
**Prince Rupert	13½	E. R. Cox	Local manager	165 00		
		E. L. Young	Operator	135 00		
		Hugh McMillan	Clerk	120 00		
		Sarah Glassey	Clerk	60 00		
		P. Mazzei	Messenger	40 00		
		F. W. Dowling	District superintendt	175 00		
**Terrace	0					
**Rosswood	35	W. C. Bolin	Operator lineman	125 00		
		Herbert Butler	Operator lineman	125 00		
**Aiyanish	32	J. C. Studdy	Operator lineman	125 00		Telephone installed at Mission House, rental $2.50 per month.
**Alice Arm	25	H. F. Gordon		125 00		
**Anyox	22	L. W. Waugh		125 00		
***Maple Bay	15	A. J. Martin	Lineman	115 00		
***Swamp Point	4	S. G. Chalmers	Lineman	115 00		Telephone installed, rental $2.50 per month.
*Stewart	38	S. G. Lawrence	Operator lineman	130 00		

PRINCE RUPERT—PORT SIMPSON LINE.

**Prince Rupert	0					Telephone installed office Dr. Kergin, Georgetown Spruce Co. and Can. Fish & Cold Storage Co.
***Tucks Inlet By Products	6	Commission office		None		Rentals $2.50 per month each.
****Tucks Inlet Cannery	2	Commission office		None		Tel. Rental $2.50 per month.

***Georgetown	12	Commission office		25 p.c. commission		Tel. rental $2.50 per month.
***Port Simpson	10	C. B. Flewin	Agent	$33 00		Tel. rental $2.50 per month. Telephone at Port Simpson Hospital, rent $2.50 per month.
**Prince Rupert	0					
*Digby Island	4					Office at B.C. Radio telegraph station for transfer of traffic accounts and records kept at Prince Rupert office.
**Massett	0					
***Spence's Ranch	9	Commission office		None		Rental $2.50 per month.
***Tow Hill	18	Commission office		None		Rental $2.50 per month.
**Massett	0	W. N. Giegerich	Operator lineman	$125 00		6 subscribers on local telephone exchange at rental $2.50 per month.
**Woden	10	Commission office				Wallace Cannery subscriber rental $2.50 per month.
***Nadu	7	Commission office				Rental $2.50 per month.
**Port Clements	15	R. S. Thompson	Operator lineman	$120 00		
***Tl-Ell	23	R. G. Ward	Lineman	100 00		
***Walsh's Ranch	4	Commission office		25 p.c. commission		Rental $2.50 per month.
*Dead Tree Point	14	Gifford Gray	Agent	$15 00		Office at B.C. Radio telegraph station for transfer of traffic.
***Southeaster Mine	11	Commission office		None		Rental $2.50 per month..
***Skidegate Village	7	Commission office		None		Rental $2.50 per month.
***Skidegate Oilery	2	Commission office		None		Rental $2.50 per month.
**Queen Charlotte City	2	D. C. Schubert	Operator lineman	120 00		2 subscribers on local telegraph line at $2.50 per month.

DIGBY ISLAND LINE.

QUEEN CHARLOTTE ISLAND LINE.

NOTE.—Service telephones are installed at First Cabin, Second Cabin, Third Cabin, Iskoot, Telegraph Creek, Shesley, Nahlin and Nakina.
Service telephones are also installed at all offices on Terrace-Stewart Branch, and at all offices on Hazelton-Prince Rupert Branch with exception of Dorreen, Composite service telephones are also installed at Hazelton, Smithers and Telkwa.

LYTTON-LILLOOET BRANCH.

**Lillooet	0					
***Jones Ranch	7	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***LaRochelle	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Paschelqua	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Dickeys	4	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Hautiers	3	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Antoines	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***28 Mile Ranch	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Rosebank	3½	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Watkinson's	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Halfway House	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***20 Mile Ranch	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Rud locks	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Pine Grove	5	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Earlscourt	4	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.

LYTTON—LILLOOET BRANCH—*Concluded.*

Stations.	Intermediate Miles.	Name.	Position.	Salary per Month or Commission.	Date of Appointment.	Remarks.
	Lines.					
***Antilles	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***St. George's School	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Lytton	7	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.

LILLOOET-BRIDGE RIVER BRANCH.

**Lillooet	0	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Shalalth	13	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Mission Reserve	1	Commission office		25 p.c. T. L.		Agent pays $2.50 per month rental.
***Ritchie	5	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Hansons	4	Commission office		25 p.c. T. L.		Agent pays $2.50 per month rental.
***Vieras Ranch	1½	Commission office		25 p.c. T.L.		Agent pays $2.50 permonth rental.
***Sebrings	1½	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Fairhaven	8	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Marshall Creek	2	Commission office		25 p.c. T.L.		Agent pays $2.50 per month rental.
***Beaubiens	3	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Tyaughton	5	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Davidsons	½	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Mortens	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Wayside	10	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Golden Dream	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Lorne Mine	0	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Ida May	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Pioneer	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.

ASHCROFT-LILLOOET BRANCH.

**Ashcroft	0					
***Cache Creek	7	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Calders	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Hat Creek	4	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Robertsons	8	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Crown Lake	8	No commission		25 p.c. T.L		Agent pays $2.50 per month rental.
**Pavilion	5	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Carsons (Loops)	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Pavilion Station	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***18 Mile House	3	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***17 Mile House	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***15 Mile House	2	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Scotts Ranch	6	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
***Fountain Ranch	1	Commission office		25 p.c. T.L		Agent pays $2.50 per month rental.
**Lillooet	8	David Mitchell	Operator	$120 00		Agent pays $2.50 per month rental.

150 MILE HOUSE—BELLA COOLA BRANCH.

**150 Mile House	0	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Williams Lake	6	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Onward Ranch	2	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Borlands	9	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
**Chimney Creek	5	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Moons	11	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Bechers	12	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Beaumonts	15	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Hanceville	13	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Lees	3	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Pypers	3	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Martins	1	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***McAuleys	8	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Alexis Creek	2	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Armstrongs	2	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Youngs	6	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Newtons	5	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Thicket Ranch	3	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Bayliffs	2	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Redstone	4	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Chilance Forks	28	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Tatla Lake	32	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
**Kleena Kleene	16	W. V. Vowron	Operator lineman	$120 00	
***McClincheys	6	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Lowenesses	25	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Squinass	26	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Anaham Lake	10	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Marvins	30	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Atnarko	7	S. Gledhill	Lineman	$115 00	Agent pays $2.50 per month rental.
***Hickmans	9	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Canoe Crossing	16	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental.
***Nootsatsum	6	Commission office		25 p.c. T.L	Agent pays $2.50 per month rental
**Bella Coola	39	Oscar Landry	Operator	$130 00	

Tariff—For British Columbia and Yukon rates, refer to Company's tariff.

NEWFOUNDLAND TELEGRAPH SERVICE.

No.	Stations	Inter-mediate Distance	Agents and Operators	Memo.
		Miles	$ cts.	
1	Port au Basque	0	50 00 or commission.	N.B.—The comimssion is 25 per cent upon all business to and from the office, said commission guaranteed not to be less than at the rate of $50 per annum.
2	Cape Ray Lighthouse	14	50 00 or commission.	
	Totals	14	100 00	

N.B.—The above short line is constructed in connection with the Signal Service and connects at Port au Basque with the land line system of the Anglo-American Telegraph Company.

COLLECTION OF REVENUE

By E. T. Smith, Collector of Public Works Revenue.

The revenue accounts for the year ended March 31, 1920, show an increase in accruals of $101,146.48, and in the amounts collected also an increase of $83,412.67. Examination of the details show that the slide and boom dues which in the year ended March 31, 1919, were $16,754.71, the dues for the year just closed were $67,002.51, the increase being $50,247.80. This large increase seems to call for explanation. In the accounts for the preceding year there did not appear any amount for the St. Maurice District. This, because according to the lease of the St. Maurice works to the St. Maurice River Boom and Driving Company, the surplus of tolls collected by them over and above the cost of maintenance and operation were not payable until the end of the term of the lease, which was January 31, 1920. However, to meet the views of the company, a new lease was granted, dating from January 1, 1920, which necessitated an accounting and settlement up to December 31 last, the result of which showed that the total of tolls collected by the company for the three years amounted to $218,214.43. The cost of operation and maintenance was $163,048.74, leaving a balance due the department of $55,165.69. Of this the company paid $34,525.69, leaving a balance unsettled of $20,640. I may say in passing that this difference has been withheld by the company because of differences of opinion between them and the department as to certain moneys expended by them on improvements made without the authority of the department as provided by the lease. These matters will be taken up and pressed to a conclusion as soon as possible. I may say that I think it is proper here to say that the accounts of the company were checked up as to expenditure by the district engineer and myself, and as to the revenue by sworn returns and examination of the company's books, which I made myself.

In the Ottawa District, there appears to be a deficit for 1919-20 of $4,202.82, but the comparison can hardly be termed a fair one because the revenue from the Gatineau boom for the fiscal year was collected by the Gatineau Boom Company, to whom the works were leased, and if we are to assume that the revenue would be about the same as that of 1918-19, then there would have been an increase of $1,768.14 in this account. I might mention here that all the Ottawa works from and above Ottawa and Hull were leased to the Upper Ottawa Improvement Company from January 1, 1920.

In the Newcastle District there were no lumbering operations, consequently no revenue. There should be from what I can learn a revenue during the current year sufficient to more than cover our expenses for the last and this year.

In the Saguenay District we had $530.50 in 1918-19. In the year just closed there were no dues, the works having been handed over to a company to operate. Because the expense of maintenance was so large and the revenue comparatively small, the department decided not to operate or maintain these works.

The last four years has been a very trying period for the lumber trade. The enormous cost of feeding the men and the great increase in wages paid them, have kept many operators out of the business, and for those who still have carried on, notwithstanding the large prices which sawn lumber commanded, the profits must have been comparatively small. Where previously large quantities of sawn lumber were shipped to the Old Country, during the period mentioned the well known scarcity of transportation prevented shipments of this commodity almost entirely. This year a change in this regard has set in and there seems to be quite a large quantity of lumber being shipped from the St. Lawrence ports.

In the other sources of revenue handled in this office we have had substantial increases, the dry docks yielding $8,719.55 more than last year, the rents and sales $40,923.46, and the ferries $1,249.67. As this office does not deal with the expenditures on these works from which we obtain revenues, these comparisons are simply in regard to the amounts accrued from the different sources for the years mentioned, so that no attempt is made to show how these various revenues compare with the expenditure for the same period. I may mention, however, in this connection that owing to the increase in the cost of labour, fuel, and other outlays in connection with the operation of the graving docks, the tariffs of dues for the use of the three docks controlled by the department have all been raised, and undoubtedly a portion of the increase in revenue is due to this action. It is satisfactory to note in this connection that the new rates authorized have met with no serious objection from the shipping trade. The large increase from rents and sales was principally due to the sales of some real estate which was no longer required for Government purposes. The revenue accrued from ferries was $1,672.67, or $1,249.67 more than the previous year. This comparison is not quite fair, however, because the bulk of the ferry rentals for the previous year had been collected and accounted for by the Inland Revenue Department.

Briefly summarized, the revenue dealt with by this office was as follows:—

During the year 1919-20, the revenue from public works showed an increase of $101,146.48, being $299,892.19, while in the previous year it was $198,745.71.

The collections showed an increase of $83,412.67, being $274,268.44, while in 1918-19 they amounted to $190,855.77. The revenue from slides and booms was $67,002.51, or $50,247.80 more than the previous year. The collections on this account were $48,133.41, or $31,369.96 more than 1918-19. The graving docks gave $81,147.59, being $8,719.55 more than the previous year. Sales and rents accrued were $150,063.42. In 1918-19 they were $109,139.96, showing an increase in the last fiscal year of $40,923.46. The collections likewise show an increase of $43,326.66, being $143,355.44, while during the previous year they amounted to $100,028.78. The collections on account of ferries show a decrease of $3.50, being $1,632 in 1919-20, while the previous year they amounted to $1,635.50.

I now submit the particulars in detail relative to the several services under their respective heads:—

SLIDES AND BOOMS.

Ottawa District.

The tolls charged up amounted to $11,836.82, being $4,202.82 less than the preceding year. This deficit is more apparent than real, as already explained. The number of saw logs which passed through the works was 1,698,946 pieces, or 97,099 more than the preceding year. There were 41,948.25 cords of pulpwood, or 12,419.78 cords less than in 1918-19. All the revenue accrued during the year was collected. Of the dues accrued since July 1, 1889, when this department took over the collections, there remains uncollected $9,161.61. Of the dues accrued before July 1, 1889, there still remains unpaid $56,805.65, all of which should be written off.

The accounts for the Ottawa District stand thus:—

The dues accrued during the year	$11,836 82
Outstanding, March 31, 1919	9,161 61
	$20,998 43
Collected	11,836 82
Balance outstanding, March 31, 1920	$ 9,161 61

being composed of:—

Dues of 1889-90	$6,903 05
" 1890-91	28 42
" 1892-93	379 80
" 1896-97	196 71
" 1903-04	637 37
" 1911-12	723 63
" 1912-13	251 15
" 1913-14	25 31
" 1914-15	16 17
	$9,161 61

Balance of dues outstanding prior to July 1, 1889, when this department took over the collection was $56,805.65.

Herewith are statements in detail:—

No. 1.—Statement of the number of pieces of square timber, sawlogs, etc., which passed through the Ottawa Works during the year ended March 31, 1920.

No. 2.—Statement of dues accrued from each of the slides and works of the Ottawa District during the year ended March 31, 1920.

Apart from two accounts amounting to $1,044.68, all the revenue from the Ottawa slides and booms, since I took charge in 1889, has been collected, excepting such as should have been written off long ago, or a few items in dispute which I expect will have to be forgiven.

The following is a comparison between the amounts accrued from the different works in the Ottawa district which shows the apparent decrease, but the real increase in the tolls over those of 1918-19:—

	1918-19.	1919-20.	Increase, 1919-20.	Decrease. 1919-20.
Ottawa	$ 1,146 42	$ 513 82	.....	$632 60
Cheneaux	2,111 38	2,017 63	.....	93 75
Petewawa	.....	1,772 16	$1,772 16	—
Coulonge	3,215 06	3,354 48	139 42	—
Dumoine	271 12	206 55	.....	64 57
Black River	2,375 47	2,691 33	315 86	—
Madawaska	949 23	1,280 85	331 62	—
Net gain in 1920, $1,768.14	$10,068 68	$11,836 82	$2,559 06	$790 92
Gatineau	5,970 96	.....	.....	—
	$16,039 64	$11,836 82	.....	$4,202 82

The St. Maurice District.

I have already referred to the condition of the account as between the department and the St. Maurice River Boom and Driving Company.

I have to ask your attention to the fact that an old disputed account of 1909-10, amounting to $3,709.62, was settled during the past year. Thus, apart from the matters in dispute between the St. Maurice River Boom and Driving Company and the department, all the dues accrued from this district since I took charge of it in 1892 have been collected.

The amount outstanding prior to July 1, 1892, remains unchanged, namely, $14,481.49.

The number of pieces of all kinds of timber which was passed through the works was equivalent to 12,624,490 pulp and sawlogs, or 3,651,836 more than the previous year.

The lease which was entered into on February 1, 1917, being for a period of three years, would have expired January 31, 1920. A new lease, however, for 21 years was

entered into from January 1, 1920, on very much the same terms as the lease which expired. The surplus of tolls after the cost of maintenance and operation is deducted is to revert to the Government, but not until the end of the term of the lease. The rapid development of the paper business on the St. Maurice calls for such an immense increase in the quantity of wood brought down that river that it is quite a problem as to how the enormous number of logs to come to Three Rivers in the near future can be handled. During the year just closed, the total number received at Three Rivers exceeded 4,500,000 pieces. This will before long be increased by from one and a half million to two million pieces. Thus the capacity of the sorting gaps and mill booms which are now fully taxed to the utmost will require an entirely new set of sorting gaps further up the river than those at present in use. As matters now stand under the lease to the Boom Company, they will have to devise measures to meet the new conditions so that the Government could be entirely relieved of any demand for further accommodation.

THE NEWCASTLE DISTRICT.

During the past year no lumbering operations whatever were carried on by the parties using our works. The revenue from the previous year was only $184.57.

The total amount outstanding on March 31, 1920, was $3,556.89, all of which should be written off.

THE SAGUENAY DISTRICT.

These works having been handed over to the Saguenay Boom Company, our claims for the use of the same are terminated.

GRAVING DOCKS.

ESQUIMALT DOCK.

The revenue received from these works was $24,182.77 or $10,211.68 less than the previous year. (See statement.) This difference is largely accounted for by the fact that in the previous year one vessel alone which occupied the dock for a very long period contributed some $16,000. During the year the dock was occupied for 138 days, of which it served Canadian Government vessels for 65 days and others for 73 days. The dockages were in most cases for very short periods, which accounts for the tonnage being 107,941, against 68,095 in the previous year.

LEVIS DOCK.

The revenue from this source was $49,184.33, being $18,682.09 more than in the preceding year. (See statement.) During the season of navigation the Canadian Government vessels occupied the dock for 14 days and the merchant ships for 233 days, or 247 days in all. During the winter of 1920 the dock was occupied by steamer *Minola* and steamer *Alice*. The gross tonnage of vessels which occupied the dock during the season of navigation was 23,667. In the preceding year it was 21,388 tons.

KINGSTON DOCK.

The Collingwod Shipbuilding Company, the lessees, have paid the reduced rental authorized in 1918, namely, $5,000, to May 1, 1919.

SELKIRK REPAIR SLIP.

The revenue for the last fiscal year was $2,780.49, being $249.14 more than the previous year. (See statement.) The slip was occupied for 72 days, 17 of which Canadian Government vessels were served.

RENTS.

During the year 1919-20 the revenue secured from Government properties from rentals, sales and interest was $150,063.42, $40,923.46 more than 1918-19. The accounts stand thus:—

Balance from previous years		$ 18,506 24
Accrued to March 31, 1920		150,063 42
		$168,569 66
Collected	$143,355 44	
Written off	6,354 07	
Balance, March 31, 1920	18,860 15	
		$168,569 66

The collections were $43,326.66 more than for the preceding year. The amount written off, $6,354.07, is composed principally of commissions deducted by rental agents, and the cost of up-keep of properties expropriated in Toronto.

Of the amounts apparently uncollected, namely, $18,860.15, there is one item alone $10,600.62, composed of a charge for Dunnville Bridge, Ont., and another for the Dundas and Waterloo road, which business came to this department from the Inland Revenue Department in 1909. These matters originated a great many years ago and I am not aware that we were ever furnished with the details, but I take it from the condition of the accounts that they are of very doubtful value. As for the remainder, $8,259.53, a large portion has been collected since the close of the financial year.

In all fairness it may be claimed that in the administration of these properties there are serious obstacles to obtaining as favourable results, rentals, etc., as compared with similar properties in the hands of private individuals. The latter can make terms, periods of leases, etc., as is seen fit, but we can not give any assurance in most cases of any more than a thirty-day term as we do not know when some of these properties may be required by the Government. Hence we cannot expect to obtain as good rentals as parties who can give a lease for one or more years, and this condition also makes it difficult for our agents to retain the tenants we may have. In consequence of the great cost of repairs, higher taxes, etc., the rentals have been raised considerably, principally in the large blocks in Ottawa and Toronto, so far without the tenants making any serious complaint. Our agents have done their work well and I do not anticipate much loss of rental except from unavoidable misfortune to some of our tenants.

The following is a summary of rents collected from public properties during the year ended March 31, 1920.

Hydraulic and other rents	$ 3,606 00
Ottawa, Sussex St.	2,339 00
" Egan Block	400 00
" Wellington St. North	18,666 55
Toronto Post Office site	6,711 23
Province of Manitoba	441 00
Victoria and Vancouver	2,067 50
Public Building sites	4,500 54
Sundry places	65,290 58
Plant rentals	12,306 96
Sales and interest	27,026 00
	$143,355 44

FERRIES.

Of this account the balance due on March 31, 1919, was $1,848.62. There was accrued during the year $1,678.67, making a total of $3,527.29. Of this there was collected $1,632, or $3.50 less than the previous year, leaving a balance of $1,895.29 on March 31, 1920. The greater portion of this balance are old accounts accumulated in past years before the administration was transferred to this Department. (See statement.)

SESSIONAL PAPER No. 19

COMPARATIVE TABLE of Public Works Revenue accrued during the year ended March 31, 1920, compared with that of the Fiscal Year ended March 31, 1919, and of amounts collected on account of same.

—	Year ended March 31, 1920.	Year ended March 31, 1919.	Increase, 1920.	Decrease, 1920.
	$ cts.	$ cts.	$ cts.	$ cts.
Slides and booms—				
Ottawa and District	11,836 82	16,039 64	.....	4,202 82
St. Maurice District	55,165 69	.....	55,165 69	.....
Newcastle District	.....	184 57	.....	184 57
Saguenay District	.....	530 50	.....	530 50
Net increase, $50,247.80	67,002 51	16,754 71	55,165 69	4,917 89
Graving docks—				
Esquimalt, B.C	24,182 77	34,394 45	.....	10,211 68
Kingston, Ont	5,000 00	5,000 00	.....	.....
Levis, P.Q	49,184 33	30,502 24	18,682 09	.....
Selkirk repair slip, Man	2,780 49	2,531 35	249 14	.....
Net increase, $8,719.55	81,147 59	72,428 04	18,931 23	10,211 68
Ferries	1,672 67	423 00	1,249 67	
Rents and Sales—				
Hydraulic rents	3,560 00	3,460 00	100 00	.....
Minor public works	26 00	26 00	.....	.....
Other public properties	146,477 42	105,653 96	40,823 46	.....
	150,063 42	109,139 96	40,923 46	.....
Accrued—				
Slides and booms	67,002 51	16,754 71	50,247 80	.....
Graving docks	81,147 59	72,428 04	8,719 55	.....
Ferries	1,678 67	423 00	1,255 67	.....
Rents and sales	150,063 42	109,139 96	40,923 46	.....
Increase	299,892 19	198,745 71	101,146 48	.....
Collected—				
Slide and boom dues	48,133 41	16,763 45	31,369 96	.....
Graving docks	81,147 59	72,428 04	8,719 55	.....
Ferries	1,632 00	1,635 50	.....	3 50
Rents and sales	143,355 44	100,028 78	43,326 66	.....
Net increase, $83,412.67	274,268 44	190,855 77	83,416 17	3 50

No. 1.—STATEMENT showing the dues accrued on the undermentioned works on the Ottawa River and its tributaries during the fiscal year ended March 31, 1920:—

River or other improvements—	
Main Ottawa	$ 513 82
Petewawa River	1,772 16
Cheneaux Boom	2,017 63
Coulonge River	3,354 48
Dumoine River	206 55
Black River	2,691 33
Madawaska	1,280 85
	$11,836 82

No. 2.—STATEMENT of the number of pieces of square timber, sawlogs, etc., that passed through the Government slides and works on the Ottawa river and its tributaries during the fiscal year ended March 31, 1920:—

Square timber	none.
Saw logs	1,698,946
Dimension timber	4,769
Cedars	120
Railway ties	1,835
Fence posts	2,501
	1,708,171

Also 41,948·25 cords pulpwood.
The revenue accrued from the above was $11,836.82.

THE DRY DOCK AT ESQUIMALT, B.C.

STATEMENT of Dues and other charges collected during the year ending March 31, 1920.

Name of Vessel Docked.	Tonnage.	Period of Dockage. From	Period of Dockage. To	Dockage Charges.	Other Charges.	Total.
				$ cts.	$ cts.	$ cts.
SS. "Princess Charlotte"	3,844	April 3	April 8	868 00	29 40	897 40
"Lillooct & Naden"	705	" 9	" 12	550 00	28 20	578 20
SS. "Prince George"	3,372	" 14	" 17	710 00	37 20	747 20
SS. "Canora"	2,382	" 23	" 26	440 00	10 80	450 80
SS. "Restless and Newington'	269	" 25	May 7	900 00	5 40	905 40
Launch "Fispa," 2 scows	.....	May 9	" 16	550 00	8 40	558 40
SS. "Prince Rupert"	3,379	" 18	" 18	200 00	.....	200 00
H.M. S. "Rainbow"	1,911	" 20	" 30	951 97	99 00	1,050 97
SS. "War Column"	5,825	June 5	June 6	200 00	15 60	215 60
SS. "Princess Alice"	3,099	" 9	" 10	200 00	9 60	209 60
"Gavinchy and Thiepval"	500	" 10	" 17	550 00	13 20	563 20
"Armentieres," two scows	500	" 18	" 30	600 00	5 40	605 40
SS. "Champlain"	2,706	July 3	July 4	200 00	.....	200 00
H.M.S.S. "Malaspina"	392	" 7	" 23	900 00	24 00	924 00
SS. "Montcalm"	2,706	Aug. 8	Aug. 8	200 00	.....	200 00
SS. "Adelaide"	3,060	" 27	" 28	353 00	14 40	367 40
SS. "Ottawa"	2,706	" 28	" 29	335 30	1 20	336 50
SS. "Trois Rivieres"	2,706	Sept. 6	Sept. 7	335 30	2 40	337 70
SS. "Frontenac"	2,706	" 13	" 14	335 30	4 80	340 10
SS. "Victoria"	2,706	" 20	" 20	200 00	.....	200 00
SS. "Princess Charlotte"	3,844	" 22	" 23	200 00	11 40	211 40
SS. "Montmagny"	2,706	" 26	" 27	335 30	1 80	337 10
SS. "Vancouver"	2,706	Oct. 1	Oct. 1	335 30	2 40	337 70
SS. "General Pau"	2,356	" 3	" 3	664 00	9 00	673 00
SS. "La Salle"	2,706	" 5	" 9	335 30	0 60	335 90
SS. "El Lobo"	4,800	" 13	" 17	920 00	75 60	995 60
SS. "Wilfrid Laurier"	2,706	" 17	" 18	335 30	8 40	343 70
SS. "Belridge"	7,020	" 20	" 24	943 00	31 20	974 20
SS. "Acadie"	2,706	" 24	" 25	335 30	1 20	336 50
SS. "Quebec"	2,706	" 30	" 31	335 30	.....	335 30
SS. "Acadie"	2,706	Nov. 1	Nov. 1	200 00	.....	200 00
SS. "Princess Alice"	3,099	" 3	" 5	509 90	7 80	517 70
SS. "Alberta"	2,706	" 5	" 6	470 60	1 80	472 40
SS. "Montreal"	2,706	" 14	" 15	200 00	.....	200 00
SS. "Nouvelle Ecosse"	2,706	" 25	" 26	470 60	.....	470 60
SS. "Canora"	2,382	" 27	" 28	438 20	25 20	463 40
Trawler "Gavinchy"	350	Jan. 20–15	Jan. 20–20	1,100 00	10 20	1,110 20
Sch. "Naden"	70					
SS. "Waikemo"	5,627	" 21	" 27	3,150 00	54 60	3,204 60
SS. "Prince Albert"	1,015	" 25	Feb. 1	504 50	19 80	524 30
H.M.S.S. "Malaspina"	392	Feb. 9	" 12	800 00	25 80	825 80
Trawler "Armentieres"	250	Mar. 17	Mar. 20	800 00	14 40	814 40
Trawler "Thiepval"	556					
SS "Restless"	76					
SS. "Princess Charlotte"	5,844	" 31	Apr. 1	584 40	26 40	610 80
				23,545 87	636 60	24,182 47
				Overpaid	.....	0 30
						24,182 77

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THE LORNE DRY DOCK AT LEVIS, P.Q.

STATEMENT of Dues and other charges collected during the year ending March 31, 1920

Name of Vessel Docked.	Tonnage.	Period of Dockage.		Dockage Charges.	Other Charges.	Total.
		From	To			
				$ cts.	$ cts.	$ cts.
SS. "Warriner"	.....	Winter....	.....	939 50	.....	939 50
SS. "Thompson"	.....	"	.....	939 50	.....	939 50
SS. "War Toronto"	.....	Entry fee	.....	200 00	.....	200 00
SS. "War Niagara 14"	2,318	April 29..	May 15..	2,398 75	.....	2,398 75
SS. "War Ottawa 14"	2,305	" 29..	" 15..	2,398 75	1 50	2,400 25
SS. "Eureka 14"	170	" 29..	" 15..	1,140 00	.....	1,140 00
"T.R. No. 47"	.....	Water.....	.....	.....	7 50	7 50
SS. "War Matane" 22	2,258	May 17.	June 13..	3,528 75	.....	3,528 75
SS. "War Mirigan" 22"	2,216	" 17..	" 13..	3,204 50	.....	3,204 50
SS. "War Champlain" 22"	522	" 17..	" 13..	1,780 00	6 00	1,786 00
SS. "Frontenac" 72	2,514	June 17..	Sept. 10..	13,308 75	91 90	13,400 65
SS. "Manoha"	.....	Entry fee	.....	200 00	.....	200 00
SS. " Rio Negro 4"	4,797	Nov. 26..	Nov. 29..	1,282 50	8 75	1,291 25
Sch. "Geo. S. Smith"	.....	Entry fee	.....	200 00	.....	200 00
SS. "Capt. Dan"	.....	"	.....	200 00	.....	200 00
SS. "War Magic 2"	2,323	Dec. 1..	Dec. 2..	371 68	80 00	451 68
SS. "North West 61"	4,244	Sept. 12..	Nov. 24..	15,496 00	.....	15,496 00
SS "Howard W"	.....	Entry fee	.....	200 00	.....	200 00
SS. "Forbach"	.....	"	.....	200 00	.....	200 00
SS. "Boulay"	.....	"	.....	200 00	.....	200 00
SS. "Bitchrie"	.....	"	.....	200 00	.....	200 00
SS. "Canadian Volunteer"	.....	"	.....	200 00	.....	200 00
SS. "Canadian Ranger"	.....	"	.....	200 00	.....	200 00
SS. "Canadian Recruit"	.....	"	.....	200 00	.....	200 00
	23,667			49,184 33	195 65	49,184 33

THE DRY DOCK AT SELKIRK, MANITOBA.

STATEMENT of Dues and other charges collected during the year ending March 31, 1920.

Name of Vessel Docked.	Tonnage.	Period of Dockage. From	Period of Dockage. To	Dockage Charges.	Other Charges.	Total.
				$ cts.	$ cts.	$ cts.
SS. "Wolverine"	278	April 1..	April 30..	78 00	.....	78 80
SS. "Kenora"	533	May 8..	May 10..	144 45	.....	144 45
SS "Grand Rapids"	438	" 10..	" 19..	286 89	.....	286 89
SS. "Goldfield"	56	" 20..	" 26..	65 00	.....	65 00
SS. "Lady of the Lake"	101	" 26..	" 26..	40 20	.....	40 20
SS. "Garry"	120	" 26..	" 27..	25 00	.....	25 00
SS. "Majestic"	127	" 28..	" 29..	30 00	.....	30 40
SS. "Wolverine"	278	" 1..	" 7..	18 00	.....	18 00
Barge No. 3	458	" 30..	June 3..	137 40	.....	137 40
SS. "Roddy S"	56	June 12..	" 14..	80 00	.....	80 00
SS. "Rocket"	56	" 12..	" 13..	50 00	.....	50 00
Mud "Scows for 202	80	" 18..	" 20..	70 00	.....	70 00
SS. "Daisy"	58	" 26..	" 27..	50 00	.....	50 00
SS. "Tempest"	75	July 1..	July 2..	50 00	.....	50 00
SS. "Carbery"	64	" 2..	" 5..	90 00	.....	90 00
Mud scows for 205	100	" 9..	" 12..	90 00	.....	90 00
Coal Barge	60	" 25..	" 26..	50 00	.....	50 00
SS. "Wolverine"	278	" 26..	" 30..	111 20	.....	111 20
SS" Parkdale"	26	" 31..	" 31..	50 00	.....	50 00
SS. "Tempest"	75	Aug. 2..	Aug. 4..	50 00	.....	50 00
SS. "Rocket"	56	" 18..	" 20..	70 00	.....	70 00
SS. "Bradbury"	500	" 22..	" 27..	250 00	.....	250 00
SS. "Tempest"	75	" 29..	" 30..	70 00	.....	70 00
Mud scows for 205	80	Sept. 2..	Sept. 4..	70 00	.....	70 00
Coal Barge	60	" 9..	" 10..	50 00	.....	50 00
Mud scows for 205	100	" 12..	" 13..	50 00	.....	50 00
Barge Alexandria	100	" 17..	" 19..	70 00	.....	70 00
SS. "Garry"	120	" 22..	" 23..	50 00	.....	50 00
SS. "Grand Rapids"	438	" 23..	" 26..	153 10	.....	153 10
Barge "Selkirk"	150	Oct. 1..	Oct. 4..	90 00	.....	90 00
SS." J. R. Spears"	34	" 20..	" 21..	50 00	.....	50 00
SS."'Goldfield"	56	" 21..	" 24..	90 00	.....	90 00
SS. "Carbery"	64	" 24..	" 25..	50 00	.....	50 00
SS. "Victor"	26	" 26..	" 27..	50 00	.....	50 00
Dredge 205	245	" 27..	" 27..	50 00	.....	50 00
	Total	for year...				2,779 84
				Overpaid.	.....	0 65
						2,780 49

SESSIONAL PAPER No. 19

ANNUAL STATEMENT OF REVENUE ACCOUNTS OF FERRIES, FOR YEAR ENDING MARCH 31, 1920.

Ferries.	Balance, 22nd July, 1918.	Accrued during period.	Rent return.	Deposited to credit of Receiver General.	Balance.
	$ cts.	$ cts		$ cts.	$ cts.
Hull	1,736 79	.....	.....	.....	1,736 79
St. Clair Station and Lot Kent	45 83	.....	.....	.....	45 83
St. Leonard and Van Buren	30 00	.....	.....	.....	30 00
Edmundston and Maine	20 00	.....	.....	.....	20 00
Pembroke and Allumette (old)	1 00	.....	.....	.....	1 00
Rockliffe and Gatineau Point	.....	1,530 00	April, 1919..	382 50	.....
			July, 1919...	382 50	.....
			Sept., 1919..	382 50	.....
			Jan., 1920...	382 50	.....
Buckingham and Cumberland	15 00	.....	.....	.....	15 00
Niagara and Youngstown	.....	30 00	.....	.....	30 00
Fort Erie and Buffalo	.....	66 67	Sept., 1919..	50 00	16 67
Prescott and Ogdensburg	.....	1 00	May, 1919...	1 00	.....
Fort Francis, Ont., and International Falls, Minn	.....	50 00	Mar., 1920..	50 00	.....
Sombra and Marine City, Mich	.....	1 00	Oct., 1919...	1 00	.....
	1,848 62	1,678 67	.....	1,632 00	1,895 29

REPORT OF THE CHIEF ACCOUNTANT.

By A. G. KINGSTON, CHIEF ACCOUNTANT.

PART I.

EXPENDITURES from Appropriations granted for Public Works.

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia.									
Amherst drill hall, grading, paving, etc	169 55								169 55
" post office, etc		1,220 95		736 29	537 48	556 01	84 00		3,134 73
Annapolis, post office, etc		57 65		580 88	496 40	148 50	50 00		1,333 43
Antigonish, post office, etc		269 04	33 20	582 37	20 50	57 70			962 81
Arichat, post office, etc		50 80		177 45	388 00	50 38			666 63
Baddeck, post office		682 22		602 52	413 15	103 62			1,801 51
Bridgewater, post office, etc		238 65		641 76	332 56	3 30			1,216 27
Canso post office		47 05		644 46	497 00	304 09			1,492 60
Dartmouth, post office (old)		19 40		549 96	302 00	125 04	19 00		1,015 40
" " (new)	80 83	319 17		532 60	1,174 45	519 09	40 00		2,666 14
Digby, (Warne B.), Fisheries Inspector's office			80 00						80 00
" post office		337 24	40 00	585 65	368 12	423 67	64 00		1,818 68
Glace Bay, post office		473 60		600 00	596 27	293 45	44 00		2,007 32
Guysborough, post office		345 56		280 80	423 00	378 15			1,427 51
Halifax, Archives office			178 75	1 50		1 00			181 25
" Custom house, etc		872 18	76 75	6,204 43	3,443 64	549 09	772 07	97 00	12,015 16
" Dennis building, Militia and Defence			10,170 00						10,170 00
" Dominion Analyst's office, 52 Bedford Row			675 00			5 50			680 50
" Eastern Trust Company's building (income tax office)		0 75	1,717 51						1,718 26
" Examining warehouse, etc		181 28	100 00	1,131 64	38 25	222 87	24 76		1,698 80
" Heslin building (gas and electricity office)		1,839 78	556 60	3 25		0 30			2,399 93
" immigration building		93 98			279 25				373 23
" " office, pier No. 2		150 00							150 00
" Inland Revenue office		790 20	937 52				9 12		1,736 84
" Lawlor's Island quarantine station	2,404 85	275 00			950 00				3,629 85

" McCurdy building (Fisheries office)			116 67						116 67
" Naval Service, 121 Hollis street			255 50						255 50
" post office, etc.	10,353 28	2,776 02		6,939 05	2,522 01	2,629 92	759 37	442 24	26,421 89
" " north end	28 00	12 84							40 84
" Public Works office (Clerk of Works residence)		7 00	41 43						48 43
" Simpson, B. (Labour Department)		645 96	1,198 87						1,844 83
" Steamship Inspector's office, 75 Upper Water street			425 00						425 00
" Weights and Measures office, 229 Hollis street		18 75	210 00						228 75
" generally		4 80							4 80
Inverness, post office		294 59		589 37	517 05	275 10	45 00		1,721 11
Kentville, experimental farm	1,732 40				748 01	216 28			2,696 69
" post office, etc		456 62		566 26	428 34	273 79	50 00		1,775 01
Liverpool, post office, etc		1,070 55		809 33	437 75	234 82	18 00		2,570 45
Lunenburg, post office		583 68		641 50	377 72	556 49	59 00		2,218 39
Nappan, experimental farm	13,122 22				142 24	236 67			13,501 13
New Glasgow, post office, etc		1,156 82		583 62	479 23	749 02	100 00		3,068 69
North Sydney, immigration building		213 07			339 50	22 03	14 00		588 60
" post office		752 27		523 38	1,245 61	622 72	32 00		3,175 98
" Public Works office (engineer)			635 00	6 00		3 00			644 00
Parrsboro, post office		21 00	27 50	606 21	240 00	273 40	52 00		1,220 11
Pictou, custom house		167 45		300 00	598 15	52 87	137 50		1,255 97
" post office		102 15		477 62	585 43	233 42	75 00		1,473 62
Shelburne, post office, etc		178 75	59 20	635 71	570 80	240 04			1,684 50
Springhill, post office, etc		46 85		627 39	329 81	256 04	30 00		1,290 09
Stellarton, post office			300 00						300 00
Sydney, "Post" building (Marine and Fisheries, etc.)			540 00						540 00
" post office, etc		1,379 82		839 92	815 86	722 46	59 50		3,817 56
" quarantine station					148 00				148 00
Sydney Mines, post office, etc		1,015 76		462 00	259 96	328 68			2,066 40
Trenton, post office		26 00	600 00		123 70	16 49			766 19
Truro, post office		715 57		554 92	608 99	399 01	32 00		2,310 49
" " (temporary)			40 00						40 00
" " public building (new)	208 00								208 00
Westville, post office		653 83		616 27	324 75	243 77	25 00		1,863 62
Weymouth, post office			100 00						100 00
Windsor, post office, etc		143 89		554 57	559 68	326 11	25 00		1,609 25
Wolfville, post office		591 11		640 92	16 50	192 44	38 00		1,478 97
Yarmouth, post office, etc		1,945 51		631 16		633 15	72 00		3,281 82
" " temporary	205 58					20 92			226 50
Minor offices throughout the province		459 73							459 73
Nova Scotia, Dominion buildings generally		1,255 70							1,255 70
Totals, Nova Scotia	28,304 71	24,960 59	19,114 50	31,460 76	22,679 16	13,500 40	2,730 32	539 24	143,289 68

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Prince Edward Island.									
Charlottetown, custom house, etc.	.....	585 68	70 00	906 17	648 74	25 80	34 00	.....	2,270 39
" experimental farm	6,435 15	.....	.....	.....	294 87	208 41	.....	.....	6,938 43
" immigration office	.....	.....	172 31	.....	.....	5 93	.....	.....	178 24
" post office, etc	.....	2,312 92	.....	2,987 50	2,041 99	2,136 10	225 00	.....	9,703 51
" Public Works office (Clerk of Work's office)	.....	148 77	177 77	56 60	.....	5 78	.....	.....	388 92
" Public Works office (Superintendent of Dredges)	.....	2 50	150 00	65 00	.....	5 30	.....	.....	222 80
Georgetown, post office, etc	.....	153 84	.....	133 05	326 05	73 40	.....	.....	686 34
Keppoch, quarantine station	391 21	.....	.....	.....	150 50	.....	.....	.....	541 71
Montague, post office, etc	.....	477 94	.....	479 43	494 53	77 73	.....	.....	1,529 63
Souris, post office, etc	.....	518 95	.....	559 28	256 50	153 38	.....	.....	1,488 11
Summerside, post office, etc	.....	331 71	.....	747 90	598 26	555 30	43 00	.....	2,276 17
Tignish, post office	.....	909 68	.....	728 94	439 18	52 77	.....	.....	2,130 57
Minor offices throughout the province	.....	459 96	.....	.....	.....	.....	.....	.....	459 96
Generally	.....	1,127 87	.....	.....	.....	.....	.....	.....	1,127 87
Totals, Prince Edward Island	6,826 36	7,029 82	570 08	6,663 87	5,250 62	3,299 90	302 00	.....	29,942 65
New Brunswick.									
Bathurst, post office, etc	.....	251 13	.....	614 95	451 82	291 90	33 00	.....	1 642 80
Campbellton, post office, etc	.....	301 22	.....	730 85	148 75	571 32	39 00	.....	1,791 14
Campobello, fisheries office	.....	.....	120 00	.....	.....	.....	.....	.....	120 00
" post office	.....	.....	.....	13 20	.....	.....	.....	.....	13 20
Chatham, quarantine station	.....	.....	.....	.....	204 35	.....	.....	.....	204 35
" post office, etc	.....	174 45	45 00	571 27	479 81	394 07	26 00	.....	1,690 60
Dalhousie, post office, etc	.....	95 07	.....	622 94	380 40	74 59	19 50	.....	1,192 50
Edmundston, immigration office	.....	.....	60 00	.....	.....	.....	.....	.....	60 00
" post office	.....	.....	400 00	.....	.....	.....	.....	.....	400 00
Fairville, post office	.....	220 85	30 00	637 33	311 37	123 98	17 10	.....	1,340 63
Fredericton, custom house (old post office)	.....	500 91	.....	670 75	12 00	234 27	121 50	.....	1,539 43
" experimental farm	3,219 28	.....	.....	.....	200 90	.....	.....	.....	3,420 18
" post office, etc	.....	375 20	.....	822 37	615 05	1,058 19	89 80	.....	2,960 61
Grand Falls, post office	.....	100 85	.....	643 94	363 98	223 40	16 50	.....	1,348 67
Hampton post office (Ossekeag)	.....	272 19	25 00	577 17	249 71	26 60	.....	.....	1,150 67
Hartland, post office, etc	.....	130 42	.....	652 50	408 07	77 45	45 00	.....	1,313 44

Hillsborough, post office, etc.	.....	94 67	.....	580 11	333 95	204 66	.....	.....	1,213 39
Marysville, post office	.....	204 00	.....	182 50	305 49	60 20	.....	.....	752 19
Milltown, post office, etc.	.....	166 90	.....	576 38	431 63	267 74	25 30	.....	1,467 95
Moncton, Labour Department	756 50	97 52	280 00	.....	.....	.....	.....	.....	1,134 02
" post office	.....	642 79	210 00	826 59	893 49	488 21	134 00	.....	3,195 08
" additional post office	125 00	.....	360 00	.....	.....	39 33	.....	.....	524 33
Newcastle, post office, etc.	.....	291 88	.....	624 51	311 36	676 30	35 00	.....	1,939 05
Richibucto, post office	.....	351 35	.....	564 31	236 38	190 34	.....	.....	1,342 38
St. John, custom house, etc.	476 25	726 92	196 23	6,097 73	4,142 60	784 65	1,546 60	225 84	14,196 82
" immigration building	1,106 54	.....	1,052 66	.....	4,981 15	529 19	80 25	.....	7,749 79
" post office, etc. (old)	.....	282 57	.....	3,467 17	1,177 57	576 15	212 05	.....	5,715 51
" " (new)	2,664 48	3,234 87	20 00	9,196 18	4,401 74	2,093 31	424 04	868 62	22,903 24
" quarantine station	28,482 09	651 75	.....	780 00	4,452 18	.....	396 45	.....	34,762 47
" savings bank	.....	781 29	.....	206 85	928 23	248 66	34 96	.....	2,199 99
" West, post office	1,189 25	642 40	.....	414 92	419 04	193 37	9 97	.....	2,868 95
" generally	.....	61 30	.....	.....	.....	.....	.....	.....	61 30
St. Stephen, immigration office	.....	75 20	272 69	.....	75 00	.....	10 92	.....	433 81
" post office, etc.	.....	1,026 17	.....	605 49	430 31	195 43	78 43	.....	2,335 83
Sussex, post office, etc.	.....	606 77	.....	550 86	582 88	127 74	77 51	.....	1,945 76
Tracadie, Lazaretto	.....	665 46	.....	1,500 00	5,140 76	102 71	.....	.....	7,408 93
Woodstock, post office, etc.	.....	308 10	.....	655 02	398 08	374 77	.....	.....	1,735 97
Minor offices throughout the province	.....	54 07	.....	.....	.....	.....	.....	.....	54 07
New Brunswick, Dominion buildings generally	.....	1,255 70	.....	.....	1 08	353 70	.....	.....	1,610 48
Totals, New Brunswick	38,019 39	14,643 97	3,071 58	33,385 89	33,469 13	10,582 23	3,472 88	1,094 46	137,739 53
Quebec.									
Acton, Vale, post office	.....	15 99	.....	530 85	291 06	119 03	28 00	.....	984 93
Armstrong, customs and immigration building	.....	195 00	.....	.....	105 00	.....	.....	.....	300 00
Arthabaska, post office	.....	495 59	.....	635 57	475 47	162 29	100 00	.....	1,868 92
Asbestos, post office	.....	.....	200 00	.....	.....	.....	.....	.....	200 00
Athelston, immigration building	.....	66 53	.....	.....	.....	.....	.....	.....	66 53
Aylmer, post office	.....	59 87	.....	134 91	408 75	232 15	15 25	.....	850 93
Beauharnois, post office	.....	12 10	305 00	.....	288 83	47 19	.....	.....	653 12
Berthierville, post office	.....	2,338 68	.....	105 07	325 47	84 59	.....	.....	2,853 81
Black Lake, post office	.....	.....	150 00	.....	.....	.....	.....	.....	150 00
Brownsburg, post office	.....	.....	99 96	.....	.....	.....	.....	.....	99 96
Buckingham, post office	.....	80 51	.....	214 27	186 28	131 20	65 10	.....	677 36
Cap Rouge, experimental farm	7,349 07	.....	.....	.....	1,587 69	.....	.....	.....	8,936 76
Chicoutimi, post office, etc.	.....	97 50	80 00	658 01	896 75	211 80	300 00	.....	2,244 06
Coaticook, post office, etc.	.....	402 66	.....	647 63	628 66	257 52	85 00	.....	2,021 47
Compton, post office	.....	3 00	110 00	.....	.....	.....	.....	.....	113 00
Cookshire, post office	.....	386 75	.....	572 77	376 35	156 96	20 00	.....	1,512 83
Drummondville, post office, etc.	.....	1,078 98	.....	741 39	285 00	95 17	.....	.....	2,200 54
Dundee, custom house	.....	11 50	.....	19 92	167 60	86 74	.....	.....	285 76
East Angus, post office	.....	233 77	.....	639 14	403 40	320 30	.....	.....	1,596 61
Farnham, experimental farm	2,062 54	.....	.....	.....	.....	.....	.....	.....	2,062 54
" post office	3,109 73	.....	.....	568 64	61 00	103 65	20 00		3,863 02

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.									
Fraserville post, office, etc		178 39		566 90	762 24	133 07	200 00		1,840 60
Granby, post office	12 46	1,276 98		666 38	525 15	261 49	157 50		2,899 96
Grosse Isle quarantine station, improvements and repairs		14,390 86							14,390 86
" " " new buildings, etc.	615 90								615 90
" " " boiler house, etc.	25,837 70				69 36				25,907 06
Hull, post office		223 85		139 74	706 62	111 23	376 10		1,557 54
Hemmingford (Huntingdon) immigration office			65 00						65 00
Huntingdon, post office			675 00						675 00
Iberville, post office		133 06		493 86	149 00	64 41	38 00		878 33
Joliette, post office, etc		766 73		823 85	533 00	320 98	110 00		2,554 56
Jonquieres, post office		848 69		599 91	404 77	110 44	23 04		1,986 85
Knowlton, post office		69 40		204 23	381 52	135 30	21 00		811 45
Lachine post office		207 70		149 96	398 67	181 14	48 26		985 73
Lachute, post office		229 36		523 17	90 71	447 96	37 50		1,328 70
Lacolle, immigration office		132 90	100 00		65 00	12 00			309 90
Laprairie, post office		112 26		169 98	324 78	82 90	22 50		712 42
L'Assomption, post office		51 07		316 59	368 99	46 98	65 00		848 63
Lennoxville, experimental farm	5,960 24				630 17	152 34			6,742 75
Levis, post office, etc		295 19		959 12	713 62	268 65	292 50		2,529 08
Longueuil, post office		770 39		490 71	250 70	50 00	62 70		1,624 50
Louiseville, post office		40 58		676 54	349 55	303 85	20 00		1,390 52
Magog, post office, etc		435 85		558 85	444 83	140 55	58 92		1,639 00
Marieville, post office		113 75		526 81	353 43	89 99			1,083 98
Matane, post office		23 45		640 70	571 03	56 25	90 00		1,381 43
Megantic, post office		48 48		661 53	139 75	317 50			1,167 26
Mont Joli, post office		45 72	240 00	9 85	106 50	12 60			414 67
Montmagny, post, office etc		39 09	84 00	590 53	326 16	186 55	50 00	61 65	1,337 98
" public works storage			50 00						50 00
Montreal, Board of Commerce, 15 St. James st			85 00						85 00
" Corestine building (Trade and Commerce)			849 96						849 96
" custom house	88,641 52	895 29	75 54	27 25	706 38	558 41	640 20		91,544 59
" " (canal office)		63 93			22 90	22 66	17 46		126 95
" examining warehouse (old)	4,924 54	14 10	37 64	135 62	5,851 53	1,548 54	1,471 48	582 09	14,565 54
" " " (new)	2,289 50	374 25		498 62	14,195 94	3,080 18	4,074 00	2,989 29	27,501 78
" forests products laboratory		51 31			781 65	1,024 61	160 99	1,600 20	3,618 76
" immigration building	1,881 62			2 17	3,562 54	8 52	1,135 80	161 19	6,751 84
" " detention building	1,475 00								1,475 00

" inland revenue building		87 97		370 55	843 07	115 77	145 50		1,562 86
" "La Sauvegarde" building (Signal Service)			366 65						366 65
" post office, etc	2,898 10	8,349 00	401 05	3,355 09	8,327 33	10,487 24	4,638 52	4,786 90	43,243 23
" " annex (old Herald building)		88 93	8,098 93	28 30	771 18	170 21	349 20	365 80	9,872 55
" postal station "A"		1,404 59	33 26	54 10	1,445 70	343 77	261 90	704 10	4,247 42
" " "B"		991 91		759 10	966 95	411 31	582 00		3,711 27
" " "C"		760 21	15 29	49 80	950 21	289 12	604 41		2,669 04
" " "D"		456 14		819 55	902 89	210 61	174 60		2,563 79
" " "E"		410 94		644 75	474 57	240 58	78 82		1,849 66
" " "F"	179 55	66 61	8 68	39 10	529 69	334 48	190 62		1,348 73
" " "G"	24 37								24 37
" " "H," etc		1,935 85	98 93	130 05	3,163 73	1,107 36	1,773 11	2,560 48	10,769 51
" " "L"		641 19		46 95	855 37	280 91	175 32		1 999 74
" " "M"		6 75	600 00	2 20	209 44	42 39	14 00		874 78
" " "N"		40 90	6,814 80	4 40		325 77	232 80		7,418 67
" " "O"		438 76		600 00	520 75	92 40	68 10		1,720 01
" " "S"		67 00		4 40	430 23	102 92	104 76		709 31
" " Delorimier avenue		112 62	853 33	1 25	3 65	96 19	58 20		1,125 24
" " Hochelaga		541 62		305 65	372 63	109 32	139 68		1,468 90
" " Ste. Cunegonde			1,750 00						1,750 00
" " St. Henri		199 94		11 30	414 20	206 36	52 83		884 63
" " Outremont		828 68	2,100 00	128 00		115 13	17 54		3,189 35
" " Verdun		163 83	1,229 44	27 58		19 24	47 25		1,497 34
" Windsor station mail room		256 97	213 00	115 20				100 80	685 97
" Shaughnessey building (Marine, etc.)		173 95	14,943 87			405 54	437 10		15,960 46
" Supervising Engineer's office			34 66						34 66
" Westmount inland revenue office		108 69	236 00						344 69
" generally		6,548 79		128,823 90	16 50	2,860 40			138,249 59
Murray Bay, post office, etc		13 30		581 33	782 30	216 01	150 00		1,742 94
Nicolet, post office, etc		27 20		522 49	147 57	188 10	70 80		956 16
Nominingue, immigration building			2 00	300 00	205 00	11 75			518 75
Pierreville, post office		39 68		165 20	163 64	45 68	15 00		429 20
Plessisville, post office		329 65		149 33	61 00	371 63	55 90		967 51
Quebec, archives office			418 00	380 13	1 00	8 40			807 53
" Canada Food Board, 103 St. John street			41 66						41 66
" citadel (Governor General's quarters)		936 27	33 55	667 70	1,391 12	243 28			3,271 92
" custom house, etc	531 52	762 97	135 29	4,232 49	3,075 25	919 00	800 00	706 00	11,162 52
" examining warehouse		107 20		3,571 88	1,706 59	325 90	450 00	900 00	7,061 57
" immigration buildings (Louise embankment)		344 09			390 46	937 94	49 37	1,371 00	3,092 86
" immigration detention hospital (Savard Park)	30 60	49 05			395 16	128 86			603 67
" immigration detention hospital (Medical Superintendent's residence)			600 00						600 00
" marine agency (King's wharf)	9,560 51	240 95			899 27		750 00		11,450 73
" observatory						53 28	50 00		103 28
" post office, etc	2,801 00	4,068 62	240 36	13,124 86	5,468 69	1,706 16	60 00	1,382 27	28,851 96
" postal station "B"		278 84	3,000 00			221 67			3,500 51
" Faubourg St. Jean post office			2,050 00	88 50		49 84			2,188 34

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.									
Quebec Candiac post office			75 00						75 00
" St. Roch post office		484 13		969 70	554 87	369 28	375 00	35 48	2,788 46
" St. Sauveur post office		100 59		495 81	450 77	235 88	155 00		1,438 05
" weights and measures office		77 39			184 72	12 50			274 61
" generally		1,222 14		5,886 67		1,231 77			8,340 58
Richmond, post office, etc		182 75		644 81	482 44	373 62	25 00		1,708 62
Rigaud, post office, etc		25 94		340 86	326 40	180 13	22 00		895 33
Rimouski, post office, etc		307 74		388 35	942 13	129 25	150 00		1,917 47
Roberval, post office, etc		25 12		656 10	1,059 15	216 84	25 00		1,982 21
Rock Island, post office, etc		15 60		600 59	549 75	248 35	28 52		1,442 81
Ste. Agathe des Monts, post office		82 17		640 03	527 08	272 14			1,521 42
Ste. Anne de Bellevue, post office		3 10	250 00				28 00		281 10
Ste. Anne de la Pocatiere, experimental farm	4,549 34				562 83				5,112 17
St. Eustache, post office			225 00			21 52	22 50		269 02
St. Felix de Valois, post office			87 00						87 00
St, Gabriel de Brandon, post office		513 69		609 67	591 60	92 26	50 00		1,857 22
St. George de Beauce, post office		1 00	200 00						201 00
St. Hyacinthe, inland revenue building		252 70		562 26	309 60	63 20	189 00		1,376 76
" post office, etc		320 15		758 18	750 19	196 63	189 00		2,214 15
St. Jean, custom house		5 00		352 45	294 85	72 93	60 00		785 23
" post office		597 94		301 60	447 71	144 49			1,491 74
St. Jerome, post office, etc		74 89		585 21	584 75	49 73	57 62		1,352 20
St. Joseph de Beauce, post office		1 65	200 00			24 75	9 00		235 40
St. Lambert, post office		426 47		580 64	470 25	74 40	26 52		1,578 28
St. Ours, post office	30 50								30 50
Ste. Rose, post office			162 00						162 00
Ste. Therese, post office, etc		38 34		614 11	342 75	208 30			1,203 50
St. Tite, post office			200 00		144 16	49 69			393 85
Sayabec, post office			125 00						125 00
Shawinigan Falls, post office		294 96		596 50	766 50	184 25	45 80		1,888 01
Shawville, post office				549 96	87 28	409 06			1,046 30
Sherbrooke, post office, etc	647 28	971 43	16 75	1,027 69	841 67	708 01	43 84		4,256 67
" post office inspector's office		2 30	996 00			11 13			1,009 43
" engineer's office (D.P.W.)			1,555 29						1,555 29
Sorel, post office, etc		33 93		660 85	858 01	539 14	250 00		2,341 93
Spirit Lake (Pontiac) experimental farm	408 33				926 98				1,335 31
Stanstead Plain, post office			113 00						113 00
Terrebonne, post office, etc		458 21		327 46	103 50	151 37	17 00		1,057 54
Thetford Mines, post office, etc		80 17		205 05	449 57	282 78	30 00		1,047 57

Trois Pistoles, post office			75 00						75 00
Trois Rivieres, post office, etc. (temporary)	14 00								14 00
" post office, etc. (new)	19,359 77		64 06	3,326 16	3,609 50	679 27			27,038 76
" public building, Government's share of taxes and local improvements	6,190 25								6,190 25
Valleyfield, post office, etc		823 24		972 71	812 98	271 08	90 00		2,970 01
Victoriaville, post office, etc		167 77	2 00	334 50	498 56	177 98	100 00		1,280 81
Minor offices throughout the province		711 45			228 66				940 11
Quebec province generally		2,983 80				1 50			2,985 30
Totals, Quebec	191,384 94	70,476 48	51,871 95	198,994 09	94,918 15	43,225 44	24,392 43	18,307 25	693,570 73

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements	Repairs and Furniture.	Sundry Maintenance.	Rents.	Salaries.	Heating.	Lighting.	Water.	Power.	Total.
Ottawa Buildings.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Parliament buildings, restoration	2,359,063 28									2,359,063 28
Central heating plant (construction)	34,145 24									34,145 24
Central heating plant operation during a portion of the firing season for the heating of the Parliament buildings, East and Western departmental buildings, Langevin building, City post office and Supreme Court					4,033 23	32,415 43				36,448 66
Parliament and other buildings as above: Cost of operating individual heating plants for other portion of heating season					43,777 62	13,899 16	24,993 12			82,669 90
Hunter building	699,880 87				12,042 73	8,174 82	980 04			721,078 46
Connaught building					11,418 29	13,686 31	2,404 99			27,509 59
Grounds, including Major Hill park			5,656 10		923 33	1,997 50	386 03			8,962 96
Power for elevators									29,300 69	29,300 69
Repairs, furniture, etc		469,677 28								469,677 28
Steel fittings	52,279 21									52,279 21
Telephone service			66,653 77							66,653 77
Sites for new departmental buildings, Wellington street west	210 21									210 21
Maintenance of acquired properties:—										
Sussex street					1,267 26	807 75	16 20			2,091 21
Wellington street east					600 00	966 35	194 53			1,760 88
" " west					6,791 87	24,625 99	2,552 42			33,970 28
Archives building					2,220 00	1,963 55	226 92			4,410 47
Astronomical observatory			2,372 55		1,839 96	1,201 47	755 45			6,169 43
Biological laboratory						500 44	132 77			633 21
Experimental farm	33,898 72					8,608 22	2,363 73			44,870 67
Fuel testing building					826 46	2,493 20	492 84			3,812 50
Geodetic building					999 96	804 67				1,804 63
Mines building, Sussex street	332 55				4,172 41	2,421 00	1,804 59			8,730 55
National Art Gallery	3,303 00		6,640 52							9,943 52
Printing Bureau						13,944 50	4,996 32			18,940 82
" freight elevators	88 65									88 65
Public works workshop					1,178 68	2,467 93	406 08			4,052 69
Rideau Hall		27,448 33								27,448 33
" grounds, greenhouses, etc			14,413 61							14,413 61

" snow			2,253 80							2,253 80
" fuel and light			17,000 00			70 50				17,070 50
" watchman			799 22							799 22
Royal Mint					1,285 09	8,193 38	136 89			9,615 36
Victoria Island Shipyard					1,218 34	587 50				1,805 84
Victoria Memorial Museum					14,133 40	18,288 24	4,239 25			36,660 89
Government's share of cost of paving Elgin street fronting Cartier Square and Victoria Memorial Museum	11,614 91									11,614 91
Government's share of cost of paving St. Patrick street to Mackenzie avenue	1,645 00									1,645 00
Local improvements on Carling avenue opposite Experimental Farm	6,616 20									6,616 20
Departments generally, care and cleaning of departmental buildings, etc. (formerly voted under Civil Government Estimates)			347,165 86							347,165 86
Sundry rented buildings				681,197 37	39,038 64	33,670 89	15,800 83	3,588 22		773,295 95
Totals, Ottawa buildings	3,203,077 84	497,125 61	462,955 43	681,197 37	147,767 27	191,788 80	62,883 00	3,588 22	29,300 69	5,279,684 23

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario (excluding Ottawa).									
Acton, post office, etc.		21 84		601 21	260 90	119 24			1,003 19
Alexandria, post office, etc.		614 47		499 92	494 50	222 30	9 30		1,840 49
Almonte, post office, etc.		119 67		675 60	560 21	344 89	75 00		1,775 37
Amherstburg, post office, etc.	674 24	260 55		560 41	375 00	72 35	8 75		1,951 30
Arnprior, post office, etc.		41 82		616 46	484 03	315 78	32 00		1,490 09
Athens, post office, etc.		152 90		71 25	291 80	130 85			646 80
Aurora, post office, etc.		12 95		614 26	407 82	37 10	16 00		1,088 13
Aylmer West, post office, etc.		94 99		605 46	285 00	179 18	32 41		1,197 04
Barrie, post office, etc.		158 01		632 37	746 13	194 21	50 00		1,780 75
Belleville, armouries	595 71								595 71
" Dayle building, income tax office			666 69						666 69
" Standard Bank, income tax office			38 95						38 95
" Food Inspector's office			21 73						21 73
" post office, etc.	1,045 22	1,025 16		1,048 55	1,180 07	957 53	52 50		5,309 03
Blenheim, post office			200 00						200 00
Bowmanville, post office, etc.		51 50		514 58	277 88	107 92	39 88		991 76
Bracebridge, post office, etc.		129 43		602 51	527 31	94 00	7 65		1,360 90
Brampton, post office, etc.		33 55		647 70	521 80	95 48	26 26		1,324 79
Brantford, post office, etc.		890 58		6,075 32	1,905 20	244 03	87 24	304 62	9,506 99
Bridgeburg, immigration office		67 31							67 31
" post office, etc.		36 82		395 58	236 00	171 75	23 75		863 90
Brighton, post office			100 00						100 00
Brockville, post office, etc.		151 86	24 00	1,185 36	748 50	486 53	153 00		2,749 25
Brussels, post office		6 58							6 58
Burford, post office, etc.				582 26	65 40	89 76			737 42
Cardinal, post office		60 27		5 38	217 55	66 05	15 00		364 25
Carleton Place, post office, etc.		1 14		622 96	284 60	182 11	31 52		1,122 33
Cayuga, post office		42 75		311 00	87 91	99 89			541 55
Chapleau, post office			93 75						93 75
Chatham, post office, etc.		91 27		681 45	224 69	207 47	11 90		1,216 78
Chesley, post office, etc.		290 48		620 05	181 15	166 06	25 00		1,282 74
Clinton, post office, etc.		85 90		574 98	190 20	101 35	10 96		963 39
Cobalt, post office			2,000 00						2,000 00
Cobourg, post office, etc.		809 90		759 20	445 90	203 80	39 37		2,258 17
" immigration office		67 31							67 31
Collingwood, post office, etc.		717 75		947 16	1,456 50	189 15	138 14		3,448 70
Cornwall, post office, etc.		151 27		1,029 75	934 32	261 61	75 00		2,451 95

Deseronto, post office, etc	2,300 00	353 35		583 59	867 86	381 45	39 00		4,525 25
Dresden, post office		383 96		621 31	238 20	189 24	27 50		1,460 21
Dundas, post office		425 18		768 06	345 14	145 08	34 15		1,717 61
Dunnville, post office (site)		5 50							5 50
Durham, post office (site)	49 50								49 50
Eganville, post office, etc		11 62		624 44	461 24	222 65	34 00		1,353 95
Elmira, post office, etc		18 03		611 04	321 75	53 41	8 18		1,012 41
Elora, post office		45 28		612 21	337 16	65 16		6 00	1,065 81
Essex post office		21 58		623 46	368 84	108 38	37 50		1,159 76
Fergus, post office		13 07		603 46	71 04	94 40	25 00		806 97
Fort Erie, immigration building		66 82							66 82
Fort William, examining warehouse, etc		596 13	57 10	3,633 97	1,172 00	82 57	162 00	198 00	5,901 77
" post office	4,042 54	197 30		709 25	910 00	313 36	90 00		6,262 45
Galt, post office, etc	165 53	671 17		695 34	526 00	148 94	38 10		2,245 08
Gananoque custom house		450 11			330 25	51 70	19 93		851 99
" post office, etc		22 43		606 56	398 40	92 64	25 80		1,145 83
Glencoe, post office, etc		129 87		565 56	349 70	119 20	25 50		1,189 83
Goderich, post office, etc		21 74		631 25	229 47	115 25	120 00		1,117 71
Grimsby, post office, etc		14 85		643 37	262 78	77 30	20 00		1,018 30
Guelph, post office, etc	18 75	366 97		945 48	586 37	218 51	53 79		2,189 87
Hamilton, gas and electric inspector's office		106 07	632 00		43 76	18 42			800 25
" Grand Trunk mail room			40 00						40 00
" post office, etc	151 63	2,427 00		11,397 38	1,874 97	717 54	1,375 60	56 16	18,000 28
" postal station "B"	16,432 95	17 90	1,200 00			15 62	4 40		17,670 87
" public building	23,813 97								23,813 97
" weights and measures office		135 13			21 88	5 90			162 91
Hanover, post office, etc		5 40		571 37	1,021 69	123 10	38 00		1,759 56
Harriston, post office, etc		98 58		559 60	556 50	129 81	28 50		1,372 99
Hawkesbury, post office, etc		7 94		604 06	312 45	171 92	23 75		1,120 12
Hespeler, post office	9 85								9 85
Ingersoll, post office, etc		237 77		705 00	832 00	159 64	23 42		1,957 83
Kapuskasing (Algoma), experimental farm	43 37				593 82				637 19
Kemptville, post office, etc		705 00		100 78	365 61	171 27			1,342 66
Kenora, post office, etc		122 05		647 34	762 15	364 24	70 76		1,966 54
Kincardine, post office		44 25		266 56	557 56	101 20	40 00		1,009 57
Kingston, custom house		147 30		847 50	522 90	147 13	54 40		1,719 23
" immigration office		62 49	180 00	87 00		6 00			335 49
" income tax office		52 60	615 00	85 74	59 95	10 73			824 02
" inland revenue office, etc		406 38	2,266 20	676 09	482 00	177 31	50 63		4,058 61
" ordnance stores			283 33						283 33
" post office, etc		679 91		733 95	853 30	551 13	55 10		2,873 39
" R.M.C. educational block	150,009 05								150,009 05
" generally				21 20		58 00			79 20
Kingsville, post office	4 86								4 86
Kitchener, examining warehouse			1,440 00	90 00		6 06	2 70		1,538 76
" G.T.R. station mail room			50 00						50 00
" post office, etc		262 66		679 69	548 49	150 60	27 11		1,668 55
Lakefield, post office		19 43		634 18	425 80	301 95			1,381 36
Lansdowne, post office			25 00		72 27				97 27
Leamington, post office, etc		370 05		570 84	106 60	157 80	27 75		1,233 04

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario excluding Ottawa—Continued.									
Lindsay, post office, etc		161 34		734 45	705 52	219 58	36 85		1,857 74
Listowel, post office, etc		48 51		609 46	627 80	115 47	60 92		1,462 16
London, custom house		193 33		1,870 51	1,131 57	294 51	99 21		3,589 13
" post office, etc		988 99	80 00	3,222 92	3,591 58	544 56	187 12		8,615 17
L'Orignal, post office			125 00						125 00
Markham, post office				600 00	189 06	37 50	5 00		831 56
Merrickville, post office			200 00						200 00
Midland, post office, etc		10 20	34 41	580 12	449 20	148 19	24 75		1,246 87
Mildmay, post office, etc				65 30	84 03				149 33
Milton, post office		174 80		596 01	257 20	66 80	16 50		1,111 31
Milverton, post office, etc		1 25		682 80	375 00	110 09			1,169 14
Mitchell, post office		6 05		601 01	431 71	73 52	40 00		1,152 29
Morrisburg, post office (site)	147 50								147 50
Mount Forest, post office		14 65		406 20	648 30	173 51	15 68		1,258 34
Napanee, post office		199 40		602 28	488 80	206 18	72 41		1,569 07
Newmarket, post office, etc		165 20		632 89	369 23	69 42	12 49		1,249 23
Niagara Falls, immigration office		67 09							67 09
" post office, etc		379 70		735 24	894 21	96 42	55 99		2,161 56
North Bay, post office, etc		503 78	13 00	1,161 80	1,040 08	260 71	36 00		3,015 37
" Angus block, Hydrometric survey			120 00						120 00
Norwich, post office, etc		10 65		592 38	589 35	96 78	25 00		1,314 16
Orangeville, post office, etc		2 45		625 49	272 33	64 06	20 00		984 33
Orillia, post office, etc		86 45		614 72	1,007 30	219 13	25 88	16 20	1,969 68
Oshawa, post office, etc	22,316 62	213 34		831 65	542 68	125 28	32 92		24,062 49
Owen Sound, post office, etc		282 60		1,069 80	971 82	162 77	72 44		2,559 43
Palmerston, post office, etc		189 14		654 07	702 36	178 26			1,723 83
Paris, armoury	156 40								156 40
" post office		132 89		561 32	447 41	84 23	45 60		1,271 45
Parkhill, post office, etc		38 26		211 03	388 00		8 88		646 17
Pembroke, post office, etc		275 78		766 64	896 64	369 85	40 00		2,348 91
Perth, inland revenue office			393 96						393 96
" post office	12 04								12 04
Peterborough, custom house		321 29		612 60	417 00	141 27	50 00		1,542 16
" post office, etc		351 82		1,090 52	709 36	214 48	75 00		2,441 18
" weights and measures office			262 50						262 50
Petrolia, post office, etc		1,421 96		477 10	445 95	152 76	47 76		2,545 53
Picton, post office, etc		100 06		559 24	449 65	141 36	39 50		1,289 81
" weights and measures office			42 00		39 44				81 44

Port Arthur, examining warehouse, etc.		51 27	38 25	4,798 46	603 08	298 05	116 39	540 77	6,446 27
" immigration building		21 53							21 53
" post office, etc.	2,993 24	108 40		682 90	887 50	326 58	39 97		5,038 59
" generally				13 25					13 25
Port Colborne, post office		1,164 26		575 34	252 00	168 64	20 00		2,180 24
Port Hope, post office, etc.		95 50		695 35	638 00	640 79	6 51		2,076 15
Port Perry, post office		24 06		690 91	640 23	146 92	44 04		1,546 16
Prescott, custom house		83 98		22 15	292 00	16 90	60 00		475 03
" post office		1,124 33		1,097 84	499 00	102 86	60 00		2,884 03
Preston, post office, etc.		37 98		792 27	613 80	143 49	65 60		1,653 14
Renfrew, post office, etc.		345 68		696 13	562 29	174 28	27 00		1,805 38
Ridgetown, post office			300 00						300 00
St. Catharines, income tax office			300 00						300 00
" post office, etc.		606 15		647 66	579 14	136 30	130 13		2,099 38
St. Mary's, post office, etc.		138 68		510 42	523 00	172 07	22 82		1,366 99
St. Thomas, post office	73 23	167 16		561 10	670 50	245 56	18 91		1,736 46
Sandwich, post office, etc.		501 49		588 34	162 20	107 31	13 00		1,372 34
Sarnia, immigration office		62 16							62 16
" post office, etc.		653 32		643 48	510 75	223 06			2,030 61
Sault Ste. Marie, post office, etc.		1,239 67	89 24	2,413 92	1,816 00	584 94	91 43	420 62	6,655 82
Seaforth, post office		74 32		594 52	469 04	123 15	19 50		1,280 53
Shelburne, post office, etc.		21 45		681 16	563 25	117 57	11 00		1,394 43
Simcoe, post office, etc.		707 26		541 80	355 76	135 85	20 00		1,760 67
Smith's Falls, post office, etc.		45 70		660 30	453 50	271 62	88 00		1,519 12
Steelton, post office		19 00		549 96	441 50	62 79	34 50		1,107 75
Stratford, post office, etc.		488 06		872 22	727 08	274 65	43 50		2,405 51
Strathroy, post office, etc.	285 14	311 59		616 38	416 80	93 27	22 50		1,745 68
Sturgeon Falls, post office			650 00						650 00
Sudbury, post office, etc.	623 37	35 50		771 80	2,938 56	1,046 95	233 18		5,649 36
Tilbury, post office		442 70		618 86	234 90	140 16	14 00		1,450 62
Tillsonburg, post office, etc.		45 77		632 50	322 02	113 65	29 45		1,143 39
Toronto, Asst. Receiver General's office	45,386 05								45,386 05
" Asst. Receiver General's office, temporary, 35 King St. W.		58 91	8,333 30	37 30	17 06	214 79	33 91		8,695 27
" Board of Trade building, custom house.	972 06	506 38	14,266 52	1,144 52	20 00	941 85			17,851 33
" custom house		149 09		76 50	1 50	26 31	9 45	22 39	285 24
" " (new)	19,151 14								19,151 14
" Customs express office		186 56		246 40	196 56	402 44	51 60	65 62	1,149 18
" examining warehouse	4,496 25	14 50		352 94	2,472 06	520 94	96 41	332 44	8,285 54
" " 276 King St. W.	1,727 56	753 75	11,458 33	230 99	1,441 10	324 27	157 86	242 03	16,335 89
" gas and electric inspector's office			180 00			2 78			182 78
" inland revenue building, 10 Toronto St.		152 48		96 47	650 18	117 75	12 17		1,029 05
" " " 172 King St. E.	829 59	902 40	375 00			3 39			2,110 38
" Orthopaedic hospital, Government's share of local improvement taxes	3,271 74								3,271 74
" Pacific building (grain inspection)			330 00						330 00
" post office, etc.	7,429 41	5 00	311 22	1,904 76	7,733 44	5,460 55	788 35	417 56	24,050 29
" post office, taxes and repairs to buildings on site purchased for addition, but still occupied by private tenants	6,166 45								6,166 45

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario, excluding Ottawa—Continued.									
Toronto postal station "A", old G.T.R. station.	.....	1,494 68	1,800 00	2,888 45	33 89	306 45	.....	507 13	7,030 60
" " "A", new " ..	408,759 71	45 10	.....	.....	2 00	96 08	.....	.....	408,902 89
" " "A" (temporary).....	.....	189 18	.....	96 56	989 87	857 91	142 20	.....	2,275 72
" " "C".....	.....	98 88	.....	800 70	573 14	188 68	54 55	.....	1,715 95
" " "D".....	.....	176 98	.....	806 32	577 05	170 31	13 37	.....	1,744 03
" " "E".....	.....	215 66	1,397 95	45 20	33 37	165 40	21 16	.....	1,878 74
" " "F", etc.....	.....	515 22	68 03	1,066 90	576 87	194 79	47 03	.....	2,468 84
" " "G".....	.....	85 49	.....	1,106 89	468 85	281 55	19 07	.....	1,961 85
" " "H".....	.....	18 75	960 00	29 15	20 58	58 10	.....	.....	1,086 58
" " "K".....	.....	82 16	.....	707 65	713 75	88 35	32 40	.....	1,624 31
" post office garage, Richmond street...	.....	472 75	.....	87 07	985 64	221 35	202 33	253 27	2,222 41
" generally.....	.....	374 09	.....	57,478 84	.....	787 58	.....	.....	58,640 51
Trenton, post office, etc.....	.....	1,576 74	.....	621 44	959 32	132 62	75 00	.....	3,365 12
Uxbridge, post office, etc.....	.....	1 00	.....	624 96	618 39	178 80	.....	.....	1,423 15
Vineland, entomological laboratory.....	.....	6 75	.....	.....	.....	.....	.....	.....	6 75
Walkerton, post office, etc.....	.....	289 64	.....	552 46	457 50	200 90	31 00	.....	1,531 50
" rural mail shelter.....	19 19	.....	.....	.....	.....	.....	.....	.....	19 19
Walkerville, post office, etc.....	.....	94 74	.....	1,064 29	820 50	273 34	46 05	.....	2,298 92
Waterloo, post office, etc.....	.....	77 75	.....	660 91	771 61	120 61	50 63	.....	1,681 51
Welland post office, etc.....	1,200 00	574 88	.....	615 52	522 60	128 75	37 48	.....	3,079 23
Whitby, post office, etc.....	.....	134 20	.....	526 85	355 21	82 65	38 00	.....	1,136 91
Windsor, post office, etc.....	.....	924 23	.....	1,909 20	1,251 00	469 09	114 90	.....	4,668 42
" engineer's office (D.P.W.).....	.....	.....	678 02	183 55	.....	1 87	6 52	.....	869 96
" engineer's office (D.P.W.) (Merchants Bank building).....	.....	.....	315 00	.....	.....	.....	.....	.....	315 00
Wingham, post office.....	.....	57 90	.....	224 92	562 90	395 40	29 56	.....	1,270 68
Woodstock, post office, etc.....	.....	271 97	.....	1,046 43	662 10	131 87	34 85	.....	2,147 22
Minor offices throughout the province.....	.....	2,009 46	.....	.....	.....	.....	.....	.....	2,009 46
Generally.....	.....	1,203 60	.....	.....	.....	11 55	.....	.....	1,215 15
Totals, Ontario (excluding Ottawa).....	725,373 86	44,589 72	53,055 48	175,208 07	91,002 79	35,158 20	8,066 38	3,382 81	1,135,837 31
Manitoba.									
Brandon, examining warehouse.....	.....	.....	1,875 00	.....	216 41	15 00	.....	.....	2,106 41
" experimental farm.....	4,516 38	.....	.....	.....	1,239 53	325 25	.....	60 00	6,141 16
" immigration building.....	.....	3 05	.....	.....	218 37	.....	.....	.....	221 42
" post office, etc.....	5,822 01	736 17	.....	1,159 77	1,802 25	1,602 90	158 57	.....	11,281 67
Carman, post office.....	.....	2 75	.....	663 05	606 90	176 40	52 00	.....	1,501 10
Dauphin, post office, etc.....	.....	221 93	.....	660 70	868 00	430 33	46 20	.....	2,227 16

Emerson, immigration office		35 00	45 00		51 62				131 62
" post office, etc		197 45		650 25	943 00	114 77			1,905 47
Gimli, post office			140 00						140 00
Le Pas, post office			600 00		135 00				735 00
" lands office		20 30	600 00						620 30
Melita, post office			163 00						163 00
Minnedosa, post office, etc		26 60		744 81	1,026 65	180 86			1,978 92
Morden, experimental farm	7,129 61				532 25				7,661 86
" post office, etc		155 00		782 42	1,059 55	96 54			2,093 51
Neepawa, post office, etc		369 10		893 26	754 93	138 65	27 45		2,183 39
Portage la Prairie, examining warehouse		3 00	420 00			11 75	24 00		458 75
" armoury, etc		11 40		560 65	798 19	86 90	93 40		1,550 54
" post office	92 70	208 50		828 80	1,619 08	852 10	53 70		3,654 88
St. Boniface, post office		695 26		746 00	31 52	91 62	13 42		1,577 82
Selkirk, post office		707 65		820 47	822 25	69 88	18 33		2,438 58
Shoal Lake, post office			180 00						180 00
Souris, post office, etc		545 55		748 70	500 85	166 51	61 72		2,023 33
Sprague, immigration building		33 25							33 25
Stonewall, post office		7 20		496 70	198 80	39 14			741 84
Transcona, post office			900 79						900 79
Virden, post office, etc		80 05		784 25	792 14				1,656 44
Winnipeg, Advocate building (gas and electric inspection)		378 68	900 00	127 15					1,405 83
" Boyd building (Archives, etc.)		39 70	1,434 17			9 50			1,483 37
" Chamber of Commerce building (Interior Dept.)		2 50	2,377 50			84 61			2,464 61
" C.P.R. station mail room		321 27		10 85		12 75			344 87
" custom house, etc	1,624 28	995 96		7,614 85	2,766 98	743 59	227 05	111 46	14,084 17
" examining warehouse	1,540 77	28 00		8,498 12	8,523 23	353 93	527 23	146 37	19,617 65
" grain warehouse		852 20			60 25				912 45
" immigration buildings		1,458 94	37 52		4,932 95	810 38	823 17	122 26	8,185 22
" Lindsay building (D.P.W. Architect's office)		6 60							6 60
" Notre Dame Investment building (D.P.W. Engineers)		354 75	2,383 98	2 50		14 64	2 80		2,758 67
" post office, etc	7,637 65	1,756 58	169 50	13,369 91	9,468 39	2,946 32	742 15	593 86	36,684 36
" postal station "A"	1,117 31	489 47		6 80		217 62		32 32	1,863 52
" " "B"		216 15		2,053 85	1,274 37	205 12	181 46	12 07	3,943 02
" " "C"		3 96	1,610 00	373 70	101 58	99 56			2,188 80
" " "D"		47 96	1,600 00	391 18	267 01	71 98	22 42		2,400 55
" Union station mail room		72 13	2,416 00	1 45					2,489 58
" Scott block (Food Control, etc.)		1 00	1,468 87						1,469 87
" Tribune building (Labour Department		195 63	1,790 00			24 23			2,009 86
" Trust & Loan building (Income Tax (office)			1,250 00			46 60			1,296 60
" generally		131 65		6,769 69		1,092 66			7,994 00
Minor offices throughout the province		241 52							241 52
Manitoba generally		475 85							475 85
Totals, Manitoba	29,480 71	12,129 71	22,361 33	49,759 88	41,612 05	11,132 09	3,075 07	1,078 34	170,629 18

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*									
Saskatchewan.									
Battleford, post office, etc.		412 94		777 50	883 20	518 27	82 58		2,674 49
Big river, forestry office			60 00						60 00
Estevan, post office		173 23		593 05	337 52	212 12	60 60		1,376 52
Gravelbourg, post office, etc.		81 70		213 85	309 00	46 35	6 00		656 90
Humboldt, post office, etc.		262 40		768 55	959 60	246 91	45 63		2,283 09
Indian Head, experimental farm	1,162 05				1,303 75	343 92	172 44		2,982 16
" Fisheries Inspector's office		1 25	165 00		54 25				220 50
" Forestry branch, Interior Department, buildings	17,113 49								17,113 49
" forest nursery station					2,246 50				2,246 50
" forestry office			516 00	34 50		30 54	121 01		702 05
Kerrobert, immigration building (site)			1 00						1 00
Lloydminster, post office, etc.		99 81		780 95	120 40	319 09			1,320 25
Maple Creek, post office, etc.		98 95		249 92	477 43	141 75			968 05
Melfort, post office, etc.		124 33		764 00	994 50	312 17	60 00		2,255 00
Moosejaw, immigration building		18 20							18 20
" income tax office			445 15	64 00					509 15
" post office, etc.	2,765 23	4,635 36	300 00	4,430 03	4,554 31	1,566 55	215 75	483 03	18,950 26
Moosomin, lands office			240 00						240 00
North Battleford, immigration building		21 70			163 72	23 03	20 45		228 90
" post office, etc.		193 00		1,162 41	1,762 19	384 57	307 91		3,810 08
North Portal, immigration building			1 00		162 49				163 49
Prince Albert, immigration building		8 05				19 65			27 70
" post office, etc.		1,424 41		2,132 60	1,915 15	797 13	119 76		6,389 05
Regina, Assistant Receiver General's office	4,971 39	410 67		1,424 73	823 55	385 32	14 67	94 02	8,124 35
" Canada Life building (Canada Food Board)		1 00							1 00
" examining warehouse		81 10		680 15	417 61	109 07	17 30	38 66	1,343 89
" income tax office		2 20	1,500 00						1,502 20
" inland revenue office		91 25	510 00			8 79			610 04
" McCallum-Hill building (Agriculture, etc.)		2 30	1,200 00	1 50		38 02			1,241 82
" post office, etc.	4,945 74	5,264 90	45 00	4,637 25	2,260 49	2,420 12	338 58	322 36	20,234 44
" " parcel post			1 00						1 00
" postal station "A" (C.P.R. station)		661 31	3,240 00	7 45					3,908 76
" paving between post office and old Royal Bank building	1,700 00								1,700 00

" generally				13 25					13 25
Rosthern, experimental farm	900 42				1,049 75				1,950 17
Saskatoon, Canada building (Inland Revenue, etc.)		213 93	2,128 00			32 31			2,374 24
" custom house		155 17	4,200 00			262 17			4,617 34
" examining warehouse		108 00	1,400 00			12 80			1520 80
" immigration building		19 20							19 20
" lands office		93 70	2,400 00						2,493 70
" mail room (C.P.R. station)			540 00						540 00
" post office, etc	1,100 00	2,319 08		2,761 49	2,723 14	1,344 83	74 52	24 40	10,347 46
" weights and measures office			780 00						780 00
" generally						17 34			17 34
Scott, experimental farm	3,184 71				352 00	84 49			3,621 20
Swift Current, lands office		283 75	1,760 00						2,043 75
" post office		0 50	1,906 56			277 34			2,184 40
Sutherland, forest nursery station		64 80			1,021 77				1,086 57
" " " water system	3,275 75								3,275 75
" " " lighting system	3,115 35								3,115 35
Unity, immigration building			1 00						1 00
Wadena, immigration building		23 12							23 12
West Poplar, immigration building		22 95							22 95
Weyburn, post office, etc		367 46		769 45	846 44	438 04	116 01		2,537 40
Yorkton, post office, etc		420 22		711 35	840 13	719 11	46 40		2,737 21
" income tax office			420 00	88 80					508 80
Minor offices throughout the province		156 02							156 02
Saskatchewan generally		1,702 77		0 30		233 50			1,936 57
Totals, Saskatchewan	44,234 13	20,020 73	23,759 71	23,067 08	26,578 89	11,345 30	1,819 61	962 47	151,787 92
Alberta.									
Athabaska, immigration building			15 00		239 37				254 37
" post office			71 00						71 00
Banff, forestry office		69 12							69 12
Bassano, post office, etc		60 40		512 40	654 12	253 70	34 50		1,515 12
Calgary, Assistant Receiver General's office	6,020 51	401 69	5 25	839 15	178 55	154 73	27 57		7,627 45
" Blow building (irrigation)	1,242 40	172 23	11,421 63	872 53		361 45			14,070 24
" Canada Life building (P.O. and I.R.D)		37 30	4,877 63			39 61			4,954 54
" Dominion Bank building, forestry office	1,209 98	15 00	2,400 00			1 39			3,626 37
" drill hall	2,500 00								2,500 00
" examining warehouse	2,562 61	1,624 49		6,416 31	2,812 71	808 50	278 11	1,235 95	15,738 68
" Herald building (Railway Commission)		274 57	1,260 00			11 78			1,546 35
" immigration building (site)			10 00						10 00
" Judge Travis building (Immigration)			100 00			12 20			112 20
" Lancaster building (P.O. Dept)	4,946 01	3,481 11	19,177 42	3,623 68	331 05	2,493 27	27 29	111 03	34,190 86
" Leeson-Lineham building (Interior Department)		81 55	480 00						561 55
" post office (new)	24,426 78								24,426 78
" " (site), temporary			6,935 70						6,935 70
" seeds office		470 50	1,375 00			90 89		16 33	1,952 72

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Alberta—Continued.									
Calgary, Thomas building (Interior Dept.)		233 70	1,745 40			13 97			1,993 07
" generally		75 27		28 45					103 72
Coutts, immigration building	2,738 35		9 20						2,747 55
Edmonton, examining warehouse		89 03	4,250 00		17 04				4,356 07
" fisheries inspection (Agency building)		22 10	150 00						172 10
" immigration building		332 05	33 00		705 00	92 07	45 65		1,207 77
" lands office		621 35	4,320 00	333 05		370 47			5,644 87
" McLeod building (National Service)		48 80	140 00			7 00			195 80
" Mortlake building (P.O. Dept.)		1,021 05	1,950 00						2,971 05
" post office, etc	2,158 41	1,124 10	202 20	8,671 63	2,231 45	1,847 36	152 26	341 32	16,728 73
" Tegler building (Geological survey)		365 70	1,066 00			6 22			1,437 92
" South (Strathcona), immigration building		55 00							55 00
" South (Stathcona), post office, etc		1,055 37		1,101 15	787 83	234 69	68 22		3,247 26
" generally				15 90		132 00			147 90
Edson, immigration building					242 87				242 87
Entwistle, immigration building		26 52							26 52
Falher, immigration office			200 00						200 00
Grande Prairie, immigration building			88 93		209 55				298 48
" lands office	6,925 25		540 00	8 50	274 95				7,748 70
" " temporary		134 82							134 82
Grouard, immigration building			240 00						240 00
High Prairies, lands office			720 00						720 00
High River, immigration building	131 00								131 00
Lacombe, experimental farm	637 88				1,463 53	203 12			2,304 53
Lethbridge, experimental farm	9,488 19				597 00	63 36			10,148 55
" immigration building		58 25							58 25
" post office, etc		2,440 67		5,565 98	2,400 97	935 35	227 60	414 10	11,984 67
Macleod, custom house		10 00			147 18	48 55	35 82		241 55
Medicine Hat, post office, etc		360 96		1,732 00	419 37	530 28	155 88		3,198 49
Peace River Crossing, immigration building		55 00	73 49		300 89				429 38
" lands office		201 31	720 00		209 45				1,130 76
" post office			235 00						235 00
Pincher Creek, forestry office		82 30	360 00						442 30
Red Deer, public building		29 20		788 78	468 48	22 15	39 00		1,347 61
Rocky Mountain, forestry office		24 97	300 00		15 92				340 89
Spirit River, immigration building			5 00		333 90				338 90

Vermilion, immigration building			1 80						1 80
" post office					476 25				476 25
Wainwright, immigration building			1 00						1 00
Waterton Lakes Park		94 58							94 58
Wetaskiwin, post office		61 30		712 90	694 63	414 80	41 75		1,925 38
Minor offices throughout the province		247 24			65 00				312 24
Generally		1,195 31							1,195 31
Totals, Alberta	64,987 37	16,753 91	65,479 65	31,222 41	16,277 06	9,148 91	1,133 65	2,118 73	207,121 69
British Columbia.									
Agassiz, experimental farm	9,731 14				1,017 98				10,749 12
Alberni, post office (old)			80 00						80 00
Ashcroft, post office		14 95		1,093 96	451 82	423 55	123 50		2,107 78
Atlin, post office, etc		144 75		161 00		131 80			437 55
Bella Coola, naval station			60 00						60 00
Chase, engineer's office (D.P.W.)		270 69	30 00	5 25	102 17	26 75	12 00		446 86
Chilliwack, post office, etc				621 43	397 70	71 77	36 00		1,126 90
Comox, post office, etc		2 50		395 59	182 75	35 25			616 09
Cranbrook, post office, etc		150 36		1,021 82	126 95	416 56	97 25		1,812 94
Cumberland, post office, etc		12 85		662 52	425 37	257 83	65 00		1,423 57
Douglas, post office						15 84			15 84
Duncan, post office, etc		136 25		942 62	392 50	258 02	29 25		1,758 64
Fernie, post office, etc		87 02		963 01	393 90	162 90	58 55		1,665 38
Grand Forks, post office, etc		25 25		877 40	808 15	201 65	75 00		1,987 45
Greenwood, post office, etc		138 63		655 45	147 76	238 68	72 00		1,252 52
Invermere, experimental farm	571 88								571 88
Kamloops, Acadia Block (Interior Dept.)		24 65	3,274 20						3,298 85
" new public building	15,153 34								15,153 34
" post office (temporary)		507 99	1,200 00	1,007 45	513 80	372 55	36 00		3,637 79
" barn for cone drying (Interior Dept.)			172 00						172 00
Ladysmith, post office		182 42		611 45	12 00	24 75	24 00		854 62
Mission City, post office		4 00							4 00
Nanaimo, post office, etc		918 07		1,766 21	444 20	664 92	45 00		3,838 40
Nelson, engineer's office (D.P.W.)			480 00						480 00
" income tax office			216 00						216 00
" post office, etc		185 50	112 50	991 04	750 25	447 11	90 00		2,576 40
Newgate, immigration office		36 58							36 58
New Westminster, Indian and fisheries building		470 40		862 20	249 30	34 82	31 14		1,647 86
" post office, etc	1,000 00	2,290 31	176 75	2,775 39	843 20	426 63	71 42	408 00	7,991 70
North Vancouver, post office		161 00		984 10	324 00	156 90	10 80		1,636 80
Pacific Highway, immigration office		10 00			244 00	94 41			348 41
Port Alberni, post office, etc		4 50		673 65	379 46	107 69	37 68		1,202 98
Powell River, public building		169 65							169 65
Prince Rupert, examining warehouse			1,400 00						1,400 00
" fisheries office		166 38	600 00						766 38
" immigration building		246 70	5 00		134 88	4 38	5 00		395 96
" quarantine station	1,048 10	7 60			421 25				1,476 95
" post office, etc. (Federal block)		718 51	7,085 00	108 15		854 30	33 33		8,799 29

AMOUNTS expended by the Department of Public Works of Canada for the fiscal year ended March 31, 1920.—*Continued*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Salaries and Supplies for Caretakers.	Heating.	Lighting.	Water.	Power.	Total.
PUBLIC BUILDINGS—*Continued.*	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Concluded.									
Revelstoke, Canadian Bank of Commerce building (Interior Dept.)			1,200 00						1,200 00
Revelstoke, post office		1 50							1 50
Rossland, post office, etc		103 80		889 07	11 50	270 73	99 57		1,374 67
Salmon Arm, fire ranger's office		1 50	96 00						97 50
Sicamous, public building		2 25							2 25
Sidney, experimental farm	6,847 26				472 50	195 07			7,514 83
Summerland, experimental farm	13,010 41								13,010 41
Union Bay, post office		3 80		251 90	156 49	119 82			532 01
Vancouver, Assay office (old post office)		957 16		2,219 68	515 26	263 95	72 40		4,028 45
" Cave Brown Cave building (P. O. Dept.)		30 00	179 03						209 03
" dredging office (D.P.W.)		478 07	1,836 50			1 50			2,316 07
" Empire building (Mar. and Fish. Dept.)		81 90	540 00			4 17			626 07
" examining warehouse	1,850 49	908 90	5 35	9,012 26	654 45	210 88	235 95	561 85	13,440 13
" Fisheries office (519 Pender street)		34 68							34 68
" immigration detention building	1,538 10			30 25	1,159 60	1,592 51	266 55	246 91	4,833 92
" London Building (dredging and tax office)			920 00						920 00
" Molson's Bank Building (income tax office)			1,000 00	39 00					1,039 00
" Pacific Building (geological survey)		171 35	1,110 00			7 48			1,288 83
" postal station "A" (C.P.R.)		138 90	3,079 28						3,218 18
" postal station "B"		288 10	7,200 00	2,197 06	500 31	61 13	1 95		10,248 55
" postal station "C"		276 38		1,202 21	264 22	50 89	21 45		1,815 15
" post office, (new)	6,977 72		776 00	16,162 55	1,692 99	2,966 72	269 50	375 08	29,220 56
" post office, mail bag depositary			400 00						400 00
" Rogers Block (Fish. insp.)		89 70	2,400 00			64 02			2,553 72
" University of B.C. (forest prod. lab.)		26 05							26 05
Vernon, post office, etc		637 79		1,062 26	708 95	383 31	48 75		2,841 06
Victoria, Ames-Holden Building (examining warehouse)		14 20	3,600 00	967 75	149 14	53 19	16 13	72 00	4,872 41
" Astronomical observatory (Little Saanich Mountain)		5,627 58		2,163 84	240 00	533 58		260 85	8,825 85
" custom house		111 93		944 40	367 95	104 13	28 12		1,556 53
" fumigating plant (C.P.R. wharf)			30 00						30 00
" hydro. survey			735 00						735 00

" immigration building	1,965 09			9 65	1,085 22	186 24	428 50		3,674 70
" meteorological observatory		503 10		965 68	183 54	152 64	22 18		1,827 14
" new post office	1,362 35	2,861 68	245 00	13,354 37	3,730 67	1,418 13	111 21	819 00	23,902 41
" old post office, etc. including city taxes for 1918	1,475 60	165 30		390 65	106 00	81 01	76 63		2,295 19
Victoria, Pilotage Board office		569 12		64 50	21 20	4 76			659 58
Victoria, generally				63 60					63 60
Williams Head Quarantine Station, land and new buildings	4,600 00								4,600 00
" " repairs to existing buildings		8,492 28			13,690 32	30 00	1,347 25		23,559 85
" " water system	88,245 52								88,245 52
Minor offices throughout the province		72 13	131 85		11 50				215 48
British Columbia Dominion buildings generally		1,023 16							1,023 16
Totals, British Columbia	155,377 00	30,759 82	40,375 46	69,170 37	34,485 20	14,184 92	3,999 06	2,743 69	351,095 52

Name of Building.	Construction and Improvements	Repairs.	Staff and Maintenance.	Total.
Yukon Territory.	$ cts.	$ cts.	$ cts.	$ cts.
Heating, lighting, water, etc., for all buildings in Yukon Territory			37,382 04	37,382 04
Total, Yukon Territory			37,382 04	37,382 04
Generally.				
Advertising coal tenders, Dominion buildings			3,462 21	3,462 21
Flags for Dominion public buildings			4,702 50	4,702 50
London (England) immigration office		110 00		110 00
Post office fittings and supplies, stock stored at Toronto for distribution throughout the provinces	14,655 91			14,655 91
Printing, stationery, instruments, travelling, etc.			24,865 38	24,865 38
Salaries of resident clerks of works			56,247 60	56,247 60
Totals, Generally	14,655 91	110 00	89,277 69	104,043 60

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—					
Advocate, wharf			509 09		509 09
Amaguadees Pond, wharf			899 64		899 64
Anderson's Cove, breakwater			186 89		186 89
Antigonish, wharf (shed)		313 98			313 98
Arichat, sand groyne		634 64			634 64
" wharf (shed)			89 98		89 98
Arisaig, wharf			3,346 46		3,346 46
Avonport, wharf			225 55		225 55
Avon River Bridge at Windsor		7,191 07			7,191 07
Baddeck, wharf	195 00		745 45		940 45
Bailey's Brook, protection piers			1,495 93		1,495 93
Barrington Passage, wharf			3,016 36		3,016 36
Barrington's Cove, Sidney Mines, wharf			211 20		211 20
Bass River, old wharf			179 80		179 80
" new wharf		50 76			50 76
Bayfield, wharf			200 00		200 00
Bay St. Lawrence, opening channel		16 00			16 00
Beaver Harbour, wharf			23 60		23 60
Big Harbour, wharf		997 53			997 53
Big Pond, wharf			26 98		26 98
Boisdale, wharf		138 22			138 22
Boularderie Island, wharf		1,349 89			1,349 89
Breen's Pond, breakwater			216 56		216 56
Broad Cove Marsh			113 03		113 03
Burke's Head, breakwater			481 96		481 96
Campbell's Pond, boat harbour		149 75			149 75
Canning, berth for vessels		143 50			143 50
Canso	5,365 34				5,365 34
Cape Negro Island, breakwater			149 90		149 90
Carr's Brook, breakwater			242 20		242 20
Chebogue Hr., beach protection work			2,999 64		2,999 64
Cheticamp, wharf			1,192 76		1,192 76
Cheverie, wharf			1,965 96		1,965 96
Chimney Corner (Inverness Co.) wharf		6,363 71			6,363 71
Church point, wharf			2,100 66		2,100 66
Comeau's Cove, breakwater			31 40		31 40
Comeau's Hill, breakwater		1,099 85			1,099 85
Corkum's Island, (Lunenburg Co)	248 30				248 30
Creignish, wharf			193 26		193 26
Cribbin's Point, wharf			1,891 10		1,891 10
Croft's Cove, wharf			268 33		268 33
Deep Brook, wharf			999 76		999 76
Delaps Cove, wharf			1,941 79		1,941 79
Devil's Island, breakwater			128 40		128 40
Digby, pier renewals			2,910 13		2,910 13
Digby, channel	10,709 07				10,709 07
Dover, wharf			212 31		212 31
Dublin Shore, wharf			268 50		268 50
Duncan's Cove, wharf			509 67		509 67
Dunn's Lake Bridge (Antigonish Co.)			200 00		200 00
East Bay Beach, wharf extension		590 94			590 94
East Chezzetcook, wharf			3,114 03		3,114 03
East River (Pictou Co.), lock and dam				1,495 66	1,495 66
East Sheet Harbour, wharf			301 85		301 85
Ecum Secum, completion of wharf		1,525 53			1,525 53
Englishtown, wharf			37 13		37 13
Feltzen South	2,251 27				2,251 27
" " wharf			826 79		826 79
Five Islands, wharf			324 70		324 70
Fox Island, breakwater approach			1,269 93		1,269 93
French Village, wharf			297 05		297 05
Gabarous breakwater			120 08		120 08
Gabarous Hr., beach protection		982 90			982 90
Georgeville wharf, removing debris		48 88			48 88
Glace Bay, harbour improvements, conditional on transfer from Dominion Coal Co		267 00			267 00

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Continued.					
Grand Etang, eastern breakwater			500 50		500 50
Grand Mira (South) wharf			470 39		470 39
Great Village, wharf			319 09		319 09
Halifax	3,678 35				3,678 35
" Graving dock		864 50			864 50
" King's wharf		19,503 60			19,503 60
" Lawlor's Island, quarantine station, wharf			27 36		27 36
Hall's Harbour, wharf			516 32		516 32
Harbourville, breakwater			50 10		50 10
Hunt's Point, breakwater			266 23		266 23
Inverness, harbour improvements		18,154 00			18,154 00
Iona, wharf (old)			146 00		146 00
" (new)			1,127 53		1,127 53
Irish Cove, wharf extension		499 27			499 27
Jersey Cove, wharf			790 62		790 62
Joggin's Mines, wharf			599 54		599 54
Kelly's Cove, breakwater			74 26		74 26
Kingsport, pier			266 04		266 04
Kraut Point, wharf			216 53		216 53
L'Ardoise, breakwater			20 00		20 00
Liscomb, wharf (warehouse)		250 16			250 16
Litchfield, breakwater			65 42		65 42
Little Bass River, protection work			992 96		992 96
Little Brook, breakwater			3,197 10		3,197 10
Little Narrows, wharf			199 99		199 99
Liverpool	18,766 52				18,766 52
Livingstone's Cove, wharf		4,605 60			4,605 60
Lower Kingsburg, skidway and breakwater		2,322 10			2,322 10
Mabou Harbour, jetties			499 96		499 96
Maitland ferry, wharf			199 75		199 75
Malagash, wharf extension		2,418 17			2,418 17
Malignant Cove, wharf			1,229 43		1,229 43
Margaree Island, breakwater			109 20		109 20
" Harbour, improvements	558 40		10,596 90		11,155 30
Margaretsville, breakwater			1,499 55		1,499 55
McKay's Pt. (Judique), breakwater			201 50		201 50
McNair's Cove, wharf			3,101 49		3,101 49
Meat Cove, breakwater			61 01		61 01
Meteghan River, breakwater		1,997 32			1,997 32
" wharf		4,265 61			4,265 61
Mill Creek (King's county), wharf			746 68		746 68
Middle South (Lunenburg)	3,749 35				3,749 35
Neil's Harbour, breakwater-wharf			1,298 34		1,298 34
New Campbellton, wharf	6,112 44	500 55			6,612 99
New Glasgow	18,465 01				18,465 01
New Harbour, breakwater			301 13		301 13
Newport Landing, wharf			43 02		43 02
Noel, wharf			209 73		209 73
North Gut, wharf extension		1,169 39			1,169 39
North Sydney	17,936 08		47 00		17,983 08
Osborne (Cow Bay), wharf			199 60		199 60
Ottawa Brook, McKinnon's Harbour	7,643 99				7,643 99
Owl's Head, wharf			417 65		417 65
Parker's Cove, breakwater			350 00		350 00
Pembroke, breakwater			79 00		79 00
Petite Riviere (Lunenburg county), breakwater			993 05		993 05
Pictou Harbour, Abercrombie wharf			75 00		75 00
Pictou Island, west wharf			75 00		75 00
" Landing	519 37				519 37
Plymouth, wharf			25 18		25 18
Port George (Annapolis Co.) breakwater			254 52		254 52
Port Greville, beach protection			922 55		922 55

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Continued.					
Port Hawkesbury, wharf	572 76		999 92		1,572 68
Port Hood, wharf			303 02		303 02
Port Maitland, breakwater			2,870 68		2,870 68
Portuguese Cove, breakwater			734 67		734 67
Port Wade, wharf			3,559 71		3,559 71
Prospect (Upper), wharf			151 55		151 55
Round Hill, wharf		382 95			382 95
St. Joseph's (Inverness) breakwater			325 91		325 91
Salmon River, wharf			613 26		613 26
Sambro, wharf			996 44		996 44
Sandy Cove, breakwater		5,828 85			5,828 85
Saw pit, wharf		988 37			988 37
Scotch Cove (White Point), breakwater extension		223 13			223 13
Seaforth, breakwater and shore protection		1,176 93			1,176 93
Seaside, wharf			748 91		748 91
Shad Bay, wharf			15 83		15 83
Shag Harbour	499 91				499 91
Shenacadie, wharf		86 91			86 91
Skinner's Cove, piers			1,119 31		1,119 31
Sober Island, wharf extension		49 81			49 81
South Gut (Victoria Co.) wharf			399 93		399 93
South Ingonish, beach protection		1,095 04			1,095 04
South Lake (Lakevale) piers			767 65		767 65
South Side, breakwater extension		2,099 22			2,099 22
Spry Bay (Josie's) wharf extension		4,417 36			4,417 36
Spry Bay (Leslie's) wharf			258 49		258 49
Summerville, wharf			368 76		368 76
Sydney Harbour	563 03		1,000 35		1,563 38
Tatamagouche, wharf approach			92 68		92 68
Three Fathom Harbour, breakwater			585 24		585 24
Tiverton, breakwater and warehouse		532 10	926 33		1,458 43
Trenton (East River)	4,212 40				4,212 40
Trout Cove, removal of stone and gravel		2,163 25			2,163 25
Turner's Island (Halifax Co.), wharf			310 72		310 72
Upper Port Latour			829 60		829 60
Vogler's Cove, wharf			96 00		96 00
Washabuck (Upper), wharf			99 40		99 40
West Arichat			1,794 00		1,794 00
West Baccaro, breakwater			641 90		641 90
West Bay, "The Points," wharf			1,435 75		1,435 75
West Chezzetcook, breakwater-wharf			1,743 76		1,743 76
West Head, breakwater		3,089 12			3,089 12
Westport, breakwater-wharf			351 97		351 97
West Ship Harbour, wharf			885 25		885 25
White Point, completion of breakwater		2,108 89			2,108 89
Whycocomagh, wharf			782 66		782 66
Wolfville, wharf			101 31		101 31
Yarmouth Bar, improvements		4,493 29			4,493 29
Yarmouth Harbour, improvements	101,829 63				101,829 63
Generally	3,123 31			1,737 20	4,860 51
Totals, Nova Scotia	206,999 53	107,149 64	95,758 99	3,232 86	413,141 02
Prince Edward Island—					
Albertor, wharf	4,895 21				4,895 21
Annandale, pier			247 13		247 13
Bay Fortune	3,785 09		1,595 66		5,380 75
Belfast, wharf	4,040 50		224 18		4,264 68
Belle River Harbour, breakwater		434 96			434 96
Cardigan North (Newport), pier			1,111 03		1,111 03
" South, wharf			418 20		418 20
Chapel Point, pier			40 00		40 00

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Prince Edward Island—Continued.					
Charlottetown	3,312 72				3,312 72
China Point, pier			701 63		701 63
Greek River, wharf			399 56		399 56
Hickey's wharf			260 22		260 22
Higgins Shore, pier			366 22		366 22
Hurd's Point, wharf	6,826 20		188 30		7,014 50
Jude's Point, wharf			318 35		318 35
Kier's Shore, pier			97 00		97 00
McPherson's Cove, pier			1,189 33		1,189 33
Miminigash Harbour North, breakwater			280 75		280 75
" " South "		2,212 06			2,212 06
Mount Stewart, wharf			69 45		69 45
Murray Harbour	13,351 24				13,351 24
Naufrage Harbour	10,475 10				10,475 10
New London Harbour, improvements		2,336 26			2,336 26
North Lake, boat harbour		168 19			168 19
Panmure Island, roadway approach			75 00		75 00
Pinette, wharf		2,017 43			2,017 43
Red Point, wharf			75 50		75 50
Rustico (North), breakwater			1,640 81		1,640 81
St. Peter's Bay, wharf			91 50		91 50
Souris Harbour, breakwater		16,909 74			16,909 74
Summerside, breakwater	7,629 29		427 45		8,056 74
Vernon River (North), pier			173 77		173 77
Wood Islands, breakwaters			632 72		632 72
Generally	1,561 65			2,123 41	3,685 06
Totals, Prince Edward Island	55,877 00	24,078 64	10,623 76	2,123 41	92,702 81
New Brunswick—					
Back Bay, wharf		4,326 30			4,326 30
Barker's (Sunbury county), wharf			223 46		223 46
Bathurst Harbour, improvements	39,821 94		1,846 42		41,668 36
Beaver Harbour, wharf			1,013,86		1,013 86
Black River	2,266 50				2,266 50
Buctouche, wharf			2,192 91		2,192 91
Burnt Church, wharf			11 70		11 70
Burton Court House, wharf			446 82		446 82
Campbellton, wharfs	6,284 63		5,586 21		11,870 84
Cape Bald, breakwater pier			3,196 64		3,196 64
Caraquet, wharf			13 00		13 00
Chockfish, breakwater			1,079 75		1,079 75
Cocagne, wharf			116 80		116 80
Dalhousie, breakwater-wharf			789 49		789 49
Dipper Harbour, breakwater-wharf		1,798 92			1,798 92
Dunham's wharf			999 48		999 48
Durham (Restigouche county), wharf			103 00		103 00
Fairhaven, wharf (slip)			900 00		900 00
Grand Anse, breastwork and groyne	10 88		1,506 01		1,516 89
Great Salmon River, wharf		2,462 34			2,462 34
Hopewell Cape, breakwater			590 34		590 34
Indian Island, wharf		56 28			56 28
Lameque, wharf			50 87		50 87
Leonardville, wharf (slip)			1,558 91		1,558 91
Little Lameque (Shippegan Island), wharf			76 93		76 93
Loggieville, wharf	5,994 59		77 71		6,072 30
Lord's Cove, wharf			11 98		11 98
McAllister's, wharf			255 44		255 44
McGowan's, wharf			134 21		134 21
Martin's Head, breastworks		124 00			124 00
Miramichi River (North West)	121 00				121 00
Miscou, wharf			32 82		32 82
Mizzenette, wharf		2,879 91			2,879 91
Moncton, wharf			15 50		15 50

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
New Brunswick—Continued.					
Neguac, wharf			4,334 53		4,334 53
Oak Point, wharf			3,113 37		3,113 37
Oromocto, wharf			1,203 74		1,203 74
Petit Rocher, breakwater			276 67		276 67
Point Sapin	994 07				994 07
Portage River, breakwater		634 00			634 00
Quaco (St. Martin's), breakwater reconstruction		116 82			116 82
Richibucto Beach, breakwater		1,153 07			1,153 07
Richibucto Cape, completion of pier and breakwater		1,980 00			1,980 00
Richardson wharf			30 00		30 00
River St. Charles	767 25				767 25
Rothesay, wharf			597 19		597 19
St. Andrews, wharf			314 68		314 68
St. John Harbour, improvements	42,795 64				42,795 64
Courtney Bay		955,395 19			955,395 19
Fort Dufferin, breastworks		12,904 31			12,904 31
Negro Point, breakwater			732 00		732 00
Partridge Island, quarantine station, deep water wharf				654 00	654 00
St. John West, piers, sheds, etc	6,077 56	35,593 72			41,671 28
St. Mary's, wharf			170 90		170 90
Scotchtown, wharf			113 50		113 50
Shippegan Gully, breakwater, etc			8,472 65		8,472 65
Shippegan Harbour, wharf			35 98		35 98
Stonehaven, breakwater		1,199 08			1,199 08
The Range (Grand Lake) wharf			121 22		121 22
Tracadie Beach, breastworks		985 45			985 45
Tracadie, wharf			239 50		239 50
Trynor's Cove, wharf			459 00		459 00
Tynemouth Creek, breakwater		5,976 75			5,976 75
Upper Maugerville			20 50		20 50
Washademoak	9,874 15				9,874 15
Welchpool, wharf		959 67			959 67
Welsh's Cove (Charlotte county)	94 00				94 00
Westfield, wharf			83 50		83 50
Wilson's Beach, breakwater-wharf			59 38		59 38
Young's Cove (Queens county), breakwater			88 02		88 02
Generally	3,123 31			3,068 32	6,191 63
Totals, New Brunswick	118,225 52	1,028,545 81	43,296 59	3,722 32	1,193,790 24
Quebec—					
Amherst (Point Shea) Magdalen Islands, wharf			2,062 88		2,062 88
Anse à Beaufils, improvements of channel		2,494 17			2,494 17
Anse à l'Eau (Tadoussac), wharf			872 98		872 98
Anse à l'Islot, wharf			149 98		149 98
Anse aux Gascons, wharf		293 00			293 00
Anse aux Griffonds, jetty			996 65		996 65
Anse St. Jean, wharf			1,296 73		1,296 73
Aylmer, wharf			224 82		224 82
Baie St. Paul wharf			2,556 70		2,556 70
Baie des Ha-Ha	51,095 19				51,095 19
Barachois de Malbaie, training pier			778 63		778 63
Batiscan, wharf		2,800 86	120 24		2,921 10
Beloeil, protection piers		3,814 10	400 33		4,214 43
Bic, wharf			995 48		995 48
Bersimis, wharf			505 20		505 20
Berthierville, wharf		338 89	311 85		650 74
Berthier (en bas), wharf			18,472 19		18,472 19
Bryant's Landing, wharf			99 90		99 90
Buckingham (Labelle), wharf			104 28		104 28

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.					
Cabano, wharf			1,539 92		1,539 92
Cannes de Roches, wharf			55 00	30 00	85 00
Cap a l'Aigle, wharf			652 70		652 70
Cap Chat, breakwater			202 70		202 70
Cape Cove, wharf			11 75		11 75
Cap de la Madeleine, wharf			975 51		975 51
Cap St. Ignace, wharf			4,057 95		4,057 95
Caughnawaga, wharf	5,827 93				5,827 93
Champlain, wharf			2,955 61		2,955 61
Chicoutimi, wharf			722 14	482 38	1,204 52
Contrecoeur, wharf		451 03	450 27	77 08	978 38
Desjardins, wharf			48 88		48 88
Douglastown, breakwater		676 41			676 41
East Templeton, wharf			901 79		901 79
Fabre, wharf extension, etc		1,376 11	1,110 41		2,486 52
Fassett, wharf			1,021 36	20 50	1,041 86
Father Point, wharf			588 52		588 52
Fort Coulonge, wharf			241 03		241 03
Fort William (Ottawa river) wharf		3,318 16			3,318 16
Garthby, wharf			1,191 38		1,191 38
Gaspe Basin, wharf		1,209 73			1,209 73
Gatineau Point, wharf			15 00		15 00
Georgeville, wharf			21 40		21 40
Grande Valee, breakwater			79 50		79 50
Grande Riviere (Gaspe) pier			1,213 33		1,213 33
Grondines, wharf		720 83	12 00		732 83
Grosse Isle (Quarantine Station), extension of wharf, etc	3,375 65	484 97	6,493 58		10,354 20
Grosse Roche, wharf			506 76		506 76
Harricanaw River	7,464 00				7,464 00
High Falls (Labelle county), wharf		205 91			205 91
Honfleur, wharf			415 23		415 23
Hudson, wharf reconstruction		1,390 00			1,390 00
Hull, wharf			35 00		35 00
Iberville, wharf			725 97		725 97
Ile aux Coudres, wharf			64 74		64 74
Ile aux Grues, wharf			2,107 15		2,107 15
Ile Perrot (North) wharf		472 53			472 53
Ile Verte, Notre Dame des Sept Douleurs, wharf		304 82			304 82
Ile Verte, Village, wharf			1,093 32		1,093 32
Kamouraska, wharf			17 40		17 40
Lac Bourget, (Laroche), wharf			14 00		14 00
Lacolle, removing piles		182 30			182 30
Lanoraie, wharf	300 00			12 00	312 00
Laprairie, protection works		63,453 03	8,492 99		71,946 02
" rebuilding of ice breaker		1,791 10			1,791 10
Lauzon "Champlain" dry dock	1,161 62	180,764 95		1,859 99	183,786 56
" "Lorne" dry dock				30,695 34	30,695 34
Lavaltrie, wharf			17 00		17 00
Les Bergeronnes, wharf			276 15		276 15
Les Eboulements, wharf			3,871 07		3,871 07
Les Ecureuils, wharf			967 06		967 06
Les Escoumains, wharf			150 50		150 50
Levis deep water wharf			2,182 82	1,995 00	4,177 82
Lotbiniere, wharf			896 98		896 98
Magog, wharf reconstruction		22,231 59	31 67		22,263 26
Malbaie (Gaspe) wharf			2,390 04		2,390 04
Matane, wharf			967 62		967 62
Mission Point	6,801 17				6,801 17
Montmagny, wharf			2,475 61		2,475 61
Montebello, wharf			124 87		124 87
Mont Louis, wharf			122 40		122 40
Montreal dry dock				105,000 00	105,000,00
Murray Bay, wharf			2,032 82		2,032 82
New Carlisle, wharf	3,510 65				3,510 65

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.					
New Richmond, wharf			277 44		277 44
Nicolet	4,237 48				4,237 48
Norway Bay (Ottawa River) wharf			1,499 81		1,499 81
North Timiskaming, wharf		461 00			461 00
Notre Dame de la Salette, wharf			118 63		118 63
Notre Dame du Portage, wharf			1,406 51		1,406 51
Notre Dame des Quinze, wharf			16 41		16 41
Papineauville, wharf			394 14		394 14
Peribonka, wharf			215 00		215 00
Petit Saguenay, protection works			224 41		224 41
Pierreville, wharf			802 22	34 00	836 22
Piopolis, wharf			998 24		998 24
Pointe à Elie (Magdalen islands) breakwater			3,403 62		3,403 62
Pointe a Pizeau (Sillery), wharf			271 22		271 22
Pointe aux Esquimaux, wharf		995 33			995 33
Pointe aux Trembles (Portneuf), wharf			254 71		254 71
Pointe Claire, wharf				150 00	150 00
Pointe Fortune, wharf		2,617 24			2,617 24
Pointe Madeleine, wharf			900 00		900 00
Pointe Piche (Timiskaming) wharf			304 31		304 31
Poltimore (Riv. du Lievre) wharf		91 72			91 72
Quebec Harbour (River St. Charles), improvements to navigation		39,616 37			39,616 37
Quyon, wharf			100 62		100 62
Repentigny, wharf			782 56		782 56
Richmond, reconstruction of ice-breakers		10,888 57			10,888 57
Rigaud, wharf			1,227 00		1,227 00
Rimouski, harbour improvements	42,584 91	68,856 72	1,221 50	488 15	113,151 28
Riviere aux Renards, wharf			799 87		799 87
Riviere aux Vases (Chicoutimi) wharf			152 04		152 04
Riviere Batiscan	10,135 06				10,135 06
Riviere Caplan, wharf			149 50		149 50
Riviere des Vases (Temiscouata) wharf			150 00		150 00
Riviere du Lievre, lock			137 94	2,120 05	2,257 99
Riviere du Loup (en bas), wharf			2,399 58		2,399 58
Riviere du Loup (en haut)	7,688 73				7,688 73
Riviere Grande Cascapedia	536 00				536 00
Riviere Ouelle, wharf			1,186 61		1,186 61
Riviere St. Louis	115 67				115 67
Riviere St. Maurice, eastern channel	13,561 91				13,561 91
Riviere Verte, wharf			199 96		199 96
Roberval, wharf			24 85		24 85
St. Alexis (Grande Baie), wharf and shed		1,439 02			1,439 02
St. Alphonsé (Chicoutimi county), wharf			2,038 65		2,038 65
St. Andre de Kamouraska, wharf			1,090 40		1,090 40
St. Andrews, wharf			454 01		454 01
St. Anicet, wharf			447 22		447 22
Ste. Anne de Beaupre, wharf			1,978 43		1,978 43
Ste. Anne de Bellevue, wharf	34 95				34 95
Ste. Anne de Chicoutimi, wharf			1,933 34		1,933 34
St. Charles de Caplan, wharf			450 00		450 00
St. Denis de Richelieu, wharf			97 28		97 28
St. Eloi, wharf			199 91		199 91
St. Emelie (Leclercville), wharf			369 05		369 05
St. Etienne de Malbaie, wharf		112 67			112 67
St. Famille (Ile d'Orleans), wharf		336 85	29 00		365 85
St. Fidele, wharf			34 50		34 50
St. Francois du Lac, wharf		708 31			708 31
St. Francois, Ile d'Orleans (north side), wharf			766 50		766 50
St. Francois, Ile d'Orleans(south side), wharf			1,204 67		1,204 67

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.					
St. Fulgence, pier			854 56		854 56
St. George de Malabie, breakwater			849 14		849 14
Ste. Genevieve de Batiscan, wharf			10 00		10 00
St. Hilaire, wharf			749 86		749 86
St. Ignace de Loyola (north), wharf			4,406 36		4,406 36
St. Irenee les Bains, wharf			2,053 83		2,053 83
St. Jean des Chaillons, wharf			437 42		437 42
St. Jean (Ile d'Orleans), wharf			1,267 72		1,267 72
St. Jean Port Joli, wharf			1,991 40		1,991 40
St. Jerome, wharf			254 74		254 74
St. Johns, guide piers				21 00	21 00
St. Joseph de Letellier, wharf			844 57		844 57
St Laurent (Ile d'Orleans), wharf			459 79	69 90	529 69
St. Michel de Bellechasse, wharf			2,314 51		2,314 51
St. Nicholas, wharf			332 16		332 16
St. Omer, wharf			776 33		776 33
St. Ours (River Richelieu), wharf			64 05		64 05
St. Paul (Ile aux Noix), wharf			2,509 09		2,509 09
St. Pierre les Becquets, wharf			626 17		626 17
St. Roch des Aulnaies, wharf			234 00		234 00
St. Roch de Richelieu, wharf			15 00		15 00
St. Simeon, wharf		1,182 01			1,182 01
St. Sulpice, wharf			1,199 43		1,199 43
St. Zotique, wharf		3,141 91			3,141 91
Shigawake, wharf			146 39		146 39
Sorel, ice piers			3,340 02		3,340 02
" wharf		1,459 53			1,459 53
Stratford Centre, wharf			1,198 59		1,198 59
Tadoussac Harbour, wharf			413 80		413 80
Three Rivers, wharf	38,912 50			100 00	39,012 50
Trois Pistoles, breakwater and wharf			3,261 08		3,261 08
Thurso, wharf			380 05		380 05
Vaudreuil, wharf			197 38		197 38
Vercheres, wharf		11,588 94	18 75		11,607 69
Verdun, wharf			1,625 45		1,625 45
Ville Marie, wharf		935 90			935 90
Yamaska, lock and dam			369 30	902 00	1,271 30
Generally	10,549 16			43,031 72	53,580 88
Totals, Quebec	207,892 58	433,206 58	148,402 34	187,089 11	976,590 61
Ontario—					
Armitage Landing, wharf			25 00		25 00
Arnprior, wharf			130 45		130 45
Bare Point, breakwater		104,938 97			104,938 97
Barry's Bay, wharf			290 48		290 48
Bayfield, piers			4,171 25		4,171 25
Belle River harbour works,			554 84		554 84
Belleville, wharf and shed		2,416 35			2,416 35
Brockville wharf, improvements			651 13		651 13
Bronte, pier		3,754 18			3,754 18
Burlington Channel, bridge				4,789 37	4,789 37
" " pier			13,205 89		13,205 89
" " revetment wall		1,982 00			1,982 00
Chute a Blondeau, wharf			106 40		106 40
Cobourg, piers	4,695 01		17,798 21		22,493 22
Collingwood, breakwater reconstruction		286 00			286 00
" graving dock No. 1				15,000 00	15,000 00
" " No. 2				9,208 96	9,208 96
Connaught station, wharf		1,567 06			1,567 06
Cornwall, new wharf		88 90			88 90
Cumberland, wharf			48 09		48 09
Depot Harbour, wharf			3,350 65		3,350 65
Dyer's Bay, wharf			339 79		339 79
Erieau, pier			38 20		38 20

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario—Continued.					
Fenelon Falls, removal of cribs		75 00			75 00
Fighting Island, Detroit river	1,360 28				1,360 28
Fitzroy harbour, wharf			434 09		434 09
Fort William, harbour improvements	28,042 46	179,279 53			207,321 99
French river, dams			3,188 44		3,188 44
Gananoque, wharf			223 53		223 53
Goderich, docks			2,376 74		2,376 74
Grand Bend, piers, etc			1,245 28		1,245 28
Haileybury, dockyard				16 00	16 00
" wharf			1,396 75		1,396 75
Hawkesbury, wharf			102 10		102 10
Hawkestone, wharf			251 30		251 30
Hilton, wharf			1,490 76		1,490 76
Holland River, wharf			91 84		91 84
Huntsville, wharf			852 34		852 34
Kagawong, wharf		94 07			94 07
Kenora, wharf extension		53 21			53 21
Kincardine	10,112 40		2,178 18		12,290 58
Kingston, harbour improvements		7,000 66			7,000 66
" maintenance and operation off combined roadway, whar and bridges				11,354 29	11,354 29
" removal of temporary bridge		964 40			964 40
" R.M.C. docks			1,539 52		1,539 52
Kingsville, pier	21 00		861 60		882 60
Lakeport, wharf			761 99		761 99
La Passe, wharf			497 21		497 21
Leamington, pier			664 71		664 71
Little Current, rebuilding wharf	54 45	2,294 88			2,349 33
L'Orignal, wharf			62 34		62 34
Lorraine, (Paradis Bay), wharf			163 63		163 63
Midland, wharf			4,632 36		4,632 36
Minaki, wharf			73 70		73 70
Montreal river (Latchford), dam				2,226 95	2,226 95
New Liskeard, wharf			146 21		146 21
North Bay, wharf			154 99		154 99
Oakville, pier			1,191 54		1,191 54
Orillia, wharf			247 06		247 06
Oshawa, wharf			56 10		56 10
Owen Sound, wharf		527 65	8 25		535 90
Parry Sound, renewals of breastworks at Two and Seven Mile Narrows			323 60		323 60
Pembroke, wharf			1,476 56		1,476 56
Pelee Island, piers			472 73		472 73
Penetanguishene, wharf			654 09		654 09
Petawawa, wharf			1,761 34		1,761 34
Point Edward	1,229 27				1,229 27
Port Arthur, dry dock				37,741 50	37,741 50
" harbour improvements	47,177 19	12,147 95			59,325 14
Port Burwell, piers	15,805 61		3,976 27		19,781 88
Port Colborne, breakwaters			25,865 66		25,865 66
Port Dover, harbour improvements		8,496 95			8,496 95
" piers			4,516 08		4,516 08
Port Elgin, breakwater and wharf			4,482 55		4,482 55
Port Findlay, wharf			968 26		968 26
Port Hope, piers			13,218 15		13,218 15
Portland, wharf			67 00		67 00
Portsmouth, piers			2,122 22		2,122 22
Port Rowan, piers			1,000 00		1,000 00
Port Stanley, harbour improvements		1,910 36			1,910 36
Puce, harbour works			949 56		949 56
Quarry Bay, wharf (lake Couchiching)			39 75		39 75
Richard's Landing, wharf			259 06		259 06
Rideout, wharf		57 95			57 95
River Thames (Jeannette's Creek)	3,488 84		827 13		4,315 97
Rondeau Harbour, piers, etc			396 08		396 08

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario—Concluded.					
Rosseau, wharf			383 25		383 25
St. Williams, wharf			54 00		54 00
Sand Point, wharf			27 00		27 00
Sault Ste. Marie Harbour, improvements	14,525 95		2,320 55		16,846 50
Shanty Bay, wharf			25 00		25 00
Shrewsbury, pier			425 20		425 20
Silver Centre, wharf			153 10		153 10
Southampton, harbour works			6,001 99		6,001 99
Sturgeon Falls, wharf			70 00		70 00
Thessalon, breakwater extension		57 65			57 65
" wharf			10,142 71		10,142 71
Thornbury, wharf			838 44		838 44
Tobermory, glance booms			190 66		190 66
Toronto, harbour improvements	28,074 44				28,074 44
Canadian-Stewart contract		543 15			543 15
Roger Miller contract		662,315 57			662,315 57
East pier		30,849 28			30,849 28
West pier			297 70		297 70
Fisherman's island (new building.)		978 61			978 61
Queen's wharf			478 33		478 33
Toronto Island, breakwater protection		157 07			157 07
Wendover, wharf			623 39		623 39
Wheatley, wharf			1,658 38		1,658 38
Whitby, breakwater			2,049 19		2,049 19
Windsor, dock				1,770 00	1,770 00
Generally	10,549 16			15,836 48	26,385 64
Totals, Ontario	165,136 06	1,022,837 40	154,717 92	97,943 55	1,440,634 93
Manitoba—					
Assiniboine River (High Bluff), dyke			177 20		177 20
Baie St. Paul, dyke			100 10		100 10
Big Island (Hecla), wharf		48 57			48 57
Dauphin River, wharf		123 21			123 21
Delta, closing channel		710 69			710 69
Gimli	4,536 93				4,536 93
Goose River at Rat Creek, removal of boulders		3,842 48			3,842 48
Icelandic River, wharf			10 00		10 00
Lake Killarney, opening channel, etc		23 50			23 50
Le Pas, wharf		208 44			208 44
Little Pembina River, diversion into Pelican Lake		20,655 70			20,655 70
Red River, channel protection			4,990 71		4,990 71
" channel at Netley Cut		853 90			853 90
" new channel	11,950 94				11,950 94
St. Andrews Rapids, lock and dam				16,846 67	16,846 67
Selkirk	9,291 00			4,847 06	14,138 06
Winnipegosis	3,237 71				3,237 71
Generally				4,449 76	4,449 76
Totals, Manitoba	29,016 58	26,466 49	5,278 01	26,143 49	86,904 57
Saskatchewan and Alberta—					
Cumberland House (Prince Albert county)	6,281 48				6,281 48
Generally				735 96	735 96
Totals, Saskatchewan and Alberta	6,281 48			735 96	7,017 44
British Columbia—					
Albion, wharf			24 80		24 80
Alice Arm, landing float		2,107 40			2,107 40
Arrow Park, wharf			874 79		874 79
Anderson's Lake, cribwork			793 46		793 46

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.					
Bamfield, wharf, etc.			1,027 28		1,027 28
Barnston Island, wharf			589 63		589 63
Belmont, wharf			995 87		995 87
Bindlay's Landing, float			52 98		52 98
Bishop's Landing, float			210 17		210 17
Bold Point, float			166 84		166 84
Boswell, floating wharf		63 04			63 04
Brighton Beach float			67 91		67 91
Burgoyne Bay, float			431 00		431 00
Camp Island, float			197 27		197 27
Campbell River, wharf			81 27		81 27
Carroll's Landing, wharf		56 48			56 48
Celesta, wharf			39 65		39 65
Chase wharf			98 20		98 20
Chilliwack, wharf and landing			2,284 65		2,284 65
Church House, wharf			464 26		464 26
Clayoquot wharf			18 91		18 91
Coal Harbour, reconstruction of float		1,755 93			1,755 93
Columbia River, Cottonwood, dam		2,815 49			2,815 49
Comox, wharf			18,548 86		18,548 86
Cottonwood Point	12,682 96				12,682 96
Courtenay River bank protection			1,211 20		1,211 20
Cowichan Bay, wharf		44 46			44 46
Crofton, wharf			883 25		883 25
Cultus Creek, floating wharf		59 95			59 95
Deep Cove float			686 92		686 92
Denman's Island, float			5 00		5 00
Digby Island, wharf			150 80		150 80
Eagle Cliff, float			154 48		154 48
Egmont, float		1,375 74			1,375 74
Esquimalt, new drydock		4,994 60			4,994 60
" dockyard wharf		54,330 46			54,330 46
" old drydock				21,982 60	21,982 60
Ewing's wharf			371 16		371 16
Fanny Bay float			426 83		426 83
Farmer's Landing, float			550 00		550 00
Fauquier, wharf		59 23			59 23
Fraser Landing, wharf			39 00		39 00
Fraser River improvements—					
Canadian Fish Product	2,760 37				2,760 37
Cannery channel	19,009 25				19,009 25
Chilliwack, removal of snags above	3,633 77				3,633 77
Fraser Mills	6,949 85				6,949 85
Nicomen, dams		4,137 41			4,137 41
North Arm	155,821 64				155,821 64
Sandheads	67,636 50				67,636 50
Snagboat Samson				23,501 14	23,501 14
Steveston jetty		19,352 00			19,352 00
Wallace Shipyard	1,096 33				1,096 33
Woodword Cut	74,340 93				74,340 93
Fulford Harbour, float		772 20			772 20
" wharf			1,333 22		1,333 22
Glen Valley, wharf			27 00		27 00
Gower Point, float			259 36		259 36
Grace Harbour, wharf			73 32		73 32
Graham, wharf		81 91			81 91
Granite Bay, float			194 10		194 10
Grey's Creek, wharf			22 00		22 00
Half Moon Bay, wharf		5,912 45			5,912 45
Hammond, wharf			221 25		221 25
Hardy Bay, landing float		2,649 25			2,649 25
Harrop, wharf			493 51		493 51
Heriot Bay, float			229 82		229 82
Hollyburn, wharf			701 20		701 20
Hope Bay, (Pender Island,) wharf			812 05		812 05
Jackson Bay, float			301 67		301 67

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AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.					
Jedediah Island float			42 25		42 25
Kamloops, wharf (shed)			96 90		96 90
Kicking Horse River, removal of obstructions		700 00			700 00
Killiney, wharf			370 24		370 24
Kuper Island, wharf			888 55		888 55
Lasqueti Island, wharf			199 20		199 20
Long Bay, float			195 67		195 67
Lund wharf			309 01		309 01
Matsqui, wharf			37 00		37 00
Mayne Island, wharf			54 60		54 60
Massett (new), rebuilding wharf		13,639 64			13,639 64
" (old), wharf			3,788 30		3,788 30
Naas River	5,283 56	9,547 52			14,831 08
Nahun, wharf			433 04		433 04
Nanaimo, ferry slip	1,445 05				1,445 05
Naramata, wharf		6,176 04			6,176 04
Needles, wharf			163 48		163 48
Okanagan Centre, wharf		5,916 16			5,916 16
" River, improvements	1,383 84	5,341 09	2,875 94		9,600 87
Peachland, wharf			426 76		426 76
Pender Harbour, float		2,357 17			2,357 17
Penticton, wharf			149 35		149 35
Port Alberni, new float, etc		364 42			364 42
Port Clements, wharf			4,195 77		4,195 77
Port Essington, landing float		3,596 67			3,596 67
Port Haney, wharf			43 20		43 20
Port Moody, float		633 02			633 02
Powell River, wharf addition		298 09			298 09
Prince Rupert, floating dock				76,970 88	76,970 88
" Quarantine Station wharf			1,631 28		1,631 28
Princess Creek, floating wharf		56 74			56 74
Queen Charlotte City, wharf			4,676 98		4,676 98
Refuge Bay, wharf			2,933 54		2,933 54
Renata, wharf			62 50		62 50
Riverside, wharf			15 00		15 00
Robert's Bay, wharf, float and approach			3,361 69		3,361 69
Roy, float		132 21			132 21
Royston, wharf			800 39		800 39
Saanichton, wharf			1,217 12		1,217 12
Salmon Arm, wharf			224 60		224 60
Savary Island, wharf			224 29		224 29
Seaford, float			95 44		95 44
Seaside Park, float			40 00		40 00
Seymour Arm, wharf			35 59		35 59
Shoal Bay, wharf			1,195 75		1,195 75
Sicamous, wharf			32 37		32 37
Sidney Island, wharf			254 54		254 54
Sidney, wharf			7,191 08		7,191 08
Skeena River	10,014 05				10,014 05
Skidegate, wharf			6,600 00		6,600 00
Smith's Landing, float			6 83		6 83
South Gabriola Island, wharf		71 88			71 88
South Pender Island, wharf			35 02		35 02
Spiller River, wharf			1,751 83		1,751 83
Squamish, wharf			650 00		650 00
Squirrel Cove, float			83 32		83 32
Stag Bay, float			3 50		3 50
Stewart, wharf		329 21			329 21
Stickine River, removal of obstructions		9,599 72			9,599 72
Sturdy Bay (Galiano island), slip			25 50		25 50
Surge Narrows, float			135 88		135 88
Thompson River, north arm			24 30		24 30
Tofino, wharf			1,588 53		1,588 53
Tucker Bay, float			611 63		611 63
Ucluelet, wharf			5 50		5 50

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Dredging.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
HARBOURS AND RIVERS	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.					
Union Bay, wharf			180 00		180 00
Van Anda, wharf			180 32		180 32
Vancouver, harbour improvements		20,157 19			20,157 19
Vesuvius Bay, wharf			217 89		217 89
Victoria, harbour improvements		44,172 91	163 94		44,336 85
Westbank, wharf			689 89		689 89
Whaletown, float			234 71		234 71
Whiteman's, wharf			2,003 85		2,003 85
White Rock, wharf			146 32		146 32
Whonnock, wharf			28 40		28 40
William's Head, quarantine station, wharf	669 08		20,856 64		21,525 72
William's Head, quarantine station, coal wharf			72 09		72 09
Wilson's Landing, wharf			150 39		150 39
Wolfsohn Bay, float			1,455 85		1,455 85
Wyatt Bay, float			234 60		234 60
Generally	10,280 54			18,329 73	28,610 27
Totals, British Columbia	373,007 72	223,657 68	112,513 09	140,784 35	849,962 84
Generally—					
General expenses of staff				9,578 72	9,578 72
Salaries of district engineers, assistants, etc.				400,021 59	400,021 59
Test borings for sundry projected works		12,672 62			12,672 62
Totals, harbours and rivers, generally		12,672 62		409,600 31	422,272 93
DREDGING PLANT.					
Maritime Provinces			1,244 32		1,244 32
Ontario and Quebec			16,360 45		16,360 45
Manitoba, Saskatchewan and Alberta			5,133 09		5,133 09
British Columbia			20,311 60		20,311 60
Totals, dredging plant			43,049 46		43,049 46

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Continued*

Name of Work.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
SLIDES AND BOOMS.	$ cts.	$ cts.	$ cts.	$ cts.
River Saguenay		761 21	200 00	961 21
Ottawa District:—				
Black river		249 50		249 50
Coulonge river		2,650 50		2,650 50
Dumoine river		25 00		25 00
Gatineau river		22 80		22 80
Madawaska river		734 14		734 14
Ottawa river		50 10	24,618 03	24,668 13
Petawawa river		993 02		993 02
Trent and Newcastle District		25 00		25 00
Collection of slide and boom dues			3,009 31	3,009 31
Totals, slides and booms		5,511 27	27,827 34	33,338 61
ROADS AND BRIDGES.				
Maritime Provinces—				
St. Leonard-Van Buren, international bridge		70 73		70 73
Quebec and Ontario—				
Des Joachims, bridge		1,502 40		1,502 40
Matapedia, interprovincial bridge		3,088 60		3,088 60
North Timiskaming, bridge	69,645 00			69,645 00
Ottawa city, bridges and streets maintained by Government—				
Connaught place and Wellington street			2,795 76	2,795 76
New Chaudiere bridge	98,950 55			98,950 55
" " approaches		3,607 97		3,607 97
Lighting all above			2,113 77	2,113 77
Pitts Brook, bridge		89 67		89 67
Portage du Fort, bridge		4,846 67		4,846 67
Portage du Fort and Bryson bridges, sand blasting		5,078 84		5,078 84
River St. Louis, bridge abutments	1,906 63			1,906 63
York bridge (Grand river)		634 67		634 67
Manitoba—Saskatchewan and Alberta—				
Banff bridge		2,347 04		2,347 04
" new bridge	1,965 69			1,965 69
Canmore bridge		689 75		689 75
Delta bridge		14 40		14 40
Edmonton bridge		100 20		100 20
Morwick's bridge		695 70		695 70
Shellmouth bridge		2,743 73		2,743 73
Totals, roads and bridges	172,467 87	25,510 37	4,909 53	202,887 77
TELEGRAPH LINES.				
Maritime Provinces—				
Bay of Fundy lines			3,096 91	3,096 91
Cape Breton lines		443 63	31,055 22	31,498 85
Chatham-Escuminac line	1,813 55		4,410 58	6,224 13
Prince Edward Island and mainland cable			6,946 66	6,946 66
Prince Edward Island, contribution of half cost of reconstruction of telegraph lines jointly owned by the Anglo-American Company and the Dominion Government	15,000 00			15,000 00
Quebec Mainland—				
Dorchester County lines			556 50	556 50
North shore, east of Bersimis	2,337 47		27,759 89	30,097 36
" west of Bersimis			16,904 41	16,904 41
Quebec County lines			10,193 83	10,193 83
Timiskaming lines			7,570 99	7,570 99

AMOUNTS expended by the Department of Public Works of Canada during the fiscal year ended March 31, 1920.—*Concluded*

Name of Work.	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
TELEGRAPH LINES—*Concluded.*	$ cts.	$ cts.	$ cts.	$ cts.
Quebec Islands—				
Anticosti system			6,946 36	6,946 36
Cable ship "Tyrian"		11,946 43	67,023 89	78,970 32
Grosse Isle, Isle aux Coudres and Island of Orleans system			8,950 43	8,950 43
Magdalen Islands system			6,926 30	6,926 30
Maritime Provinces and Gulf generally			5,942 58	5,942 58
Ontario—				
Bath-Amherst Island system	563 00			563 00
Pelee Island system			1,386 64	1,386 64
Saskatchewan and Alberta lines—				
Saskatchewan lines			61,685 59	61,685 59
Alberta lines	3,216 56		95,941 83	99,158 39
British Columbia and Yukon—				
Ashcroft-Dawson system	8,605 25		236,990 00	245,595 25
British Columbia mainland system	40,955 85		80,053 86	121,009 71
British Columbia-Vancouver Island system	6,993 88		107,838 26	114,832 14
Telegraph service generally			5,673 84	5,673 84
Totals, Telegraph lines	79,485 56	12,390 06	793,854 57	885,730 19
MISCELLANEOUS.				
Surveys—				
Maritime provinces			23,730 78	
Quebec			24,482 49	
Ontario			27,521 73	
Manitoba			3,879 05	
Saskatchewan and Alberta			1,662 46	
British Columbia			14,713 17	
Generally			428 82	96,418 50
Upper Ottawa Storage dams—				
Land damages	3,004 34			
Metering flow	30,369 15			
New Liskeard	61 26			
Quinze dam	21,159 12			
Timiskaming dam	15,693 39			
Generally	48,045 09			118,332 35
New Liskeard, Ont., in full and final settlement of all claims for local improvement taxes on property taken over by Government	934 70			934 70
Accounts Branch—				
Salaries and travelling expenses of agents, clerks, etc., of outside service			19,585 85	19,585 85
Compassionate allowance to the widow of the late Neil McLellan, who was drowned in the Madawaska river at Arnprior, Ont., on April 15, 1918, while at work as assistant to the slide master			2,000 00	2,000 00
Compassionate allowance to the dependent sisters of the late J. T. Duke, assistant engineer, who was killed on May 23, 1919, while on duty at Courtenay bay, St. John harbour, N.B			2,000 00	2,000 00
Gratuities to widows or other representatives of 58 deceased employees, under Civil Service Amendment Act (sec. 30)			10,606 58	10,606 58
Monument to his late Majesty King Edward VII	2,500 00			2,500 00
Operation and maintenance of inspection boats			25,537 39	25,537 39
River gaugings and metering			24,191 59	24,191 59
War appropriation—salaries in connection with military service			12,179 01	12,179 01
Cost-of-living bonus			713,899 05	713,899 05
Totals, miscellaneous	121,767 05		906,417 97	1,028,185 02

PART II.

Expenditures by the Department of Public Works of Canada from War Appropriations.

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia.									
Annapolis-Royal, Dental Surgery office			60 00						60 00
Bridgewater, " "			140 00						140 00
Dartmouth Naval station, aviation	19,757 11								19,757 11
Glace Bay, dental clinic			90 00						90 00
Halifax, armouries		9 30							9 30
" Bellevue, military hospital	68,514 69								68,514 69
" " res. supt. S.C.R. Dept		118 80							118 80
" Camp Hill military hospital	301,806 30								301,806 30
" Chief Inspector Dominion Police		30 40							30 40
" Cogswell street old M. and D. hospital	743 30								743 30
" custom house *re* explosion		192 59							192 59
" discharge depot, pier No. 2	783 00								783 00
" District barracks office, M.D. No. 6			3,500 00						3,500 00
" Inspector of taxation, 184 Hollis street		27 69							27 69
" Leith House hospital, S.C.R		28 60	583 33						611 93
" military garage		8 10							8 10
" Pine Hill military hospital	147 27								147 27
" Pine Hill Presbyterian College, S.C.R			2,077 08						2,077 08
" post office *re* explosion		159 50							159 50
" Registrar, M.S.A		32 50	1,090 00						1,122 50
" Rockhead, military hospital	14,996 81								14,996 81
" Soldiers' Settlement Board, Roy building		1,207 11	669 92						1,877 03
" Soldiers' Settlement Board, Barrington street		139 85	1,014 82						1,154 67
" stables, M. and D			140 00						140 00
" vocation branch, S.C.R., Sackville street			1,959 68						1,959 68
New Aberdeen-Artillery Dep. No. 7 Colliery		125 55	284 00			22 00			431 55
New Glasgow M. and D. dental surgery			140 00						140 00
North Sydney, Naval station, Seaplane station	17,906 93								17,906 93
Sydney, McLeod Block, medical branch, Dept. S.C.R			300 00						300 00
" Moore Block, headquarters clinic, S.C.R			175 00						175 00
" Moxam House, military hospital	60 00								60 00
" Naval transportation office			124 00						124 00
" Post Building, military police			25 15						25 15

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia—Continued.									
Sydney Mines, Conacher building, S.C.R.			210 00						210 00
Truro, dental clinic, Inglis street, M. and D.			50 00						50 00
Yarmouth, Harding building, C.A.D.C., M.D. No. 6			145 00						145 00
Nova Scotia, generally		502 72							502 72
Prince Edward Island.									
Charlottetown, (old Government House) Military Hosp.	8,421 07								8,421 07
" Registrar, M.S.A.		27 95							27 95
" Riley building, Soldiers' Settlement Board		1,369 56	777 46						2,147 02
" S.C.R. (Des Brisay building)			50 00						50 00
North Wiltshire, Dalton sanatorium	146,157 24		3 00						146,160 24
Summerside, dental office			136 75						136 75
Prince Edward Island generally			14 58						14 58
New Brunswick.									
Edmunston, Royal Hotel, dental clinic, M. and D.			106 45						106 45
Fredericton, barracks		22 40							22 40
" Dunbar House, M. and D.			1,000 00						1,000 00
" military hospital	64,305 49								64,305 49
" Royal Bank chambers, Asst. Director S.C.R.			375 00						375 00
Marysville, M. and D. Depot, Main street			20 00						20 00
Moncton, Provincial Bank building, dental clinic, M. and D.			175 00						175 00
" vocation and medical offices, S.C.R.			175 00						175 00
Riverglade sanatorium	20,141 11								20,141 11
St. John, (County hospital) Mil. Hosp.	16,925 34								16,925 34
" dental clinic, M. and D. (Windsor hotel)			150 00						150 00
" " S.C.R. (Bank of Montreal building)			2,200 00						2,200 00
" Dept. Soldiers' Civil Re-Establishment, 160 Prince William street			350 03	187 82					537 85
" Dept. Soldiers' Civil Re-Establishment, 76 Prince William street			675 00						675 00

" detention building			1,052 66						1,052 66
" discharge depot		15 35							15 35
" M. and D., District pay office			250 00						250 00
" " "Evangeline Home"			375 00						375 00
" " Headquarters No. 7		49 51	250 00						299 51
" " Hospital, 75 Pitt street			200 00						200 00
" military garage			385 00						385 00
" Parks Convalescent Home		11 63							11 63
" Partridge Island, barracks	3,126 45								3,126 45
" " stores, small arms, ammunition, etc			385 00						385 00
" Registrar, M.S.A		20 00							20 00
" Stockton building (S.C.R.)			131 24	2 00					133 24
" sundry offices, Dept. S.C.R		1,633 75							1,633 75
St. John West, school for deaf	1,616 40								1,616 40
St. Stephen, dental clinic, M. and D. (Windsor hotel)			150 00						150 00
New Brunswick, sundry buildings		31 73	150 00	9 70					191 43
Quebec.									
Fraserville, armoury No. 2 (Riv. du Loup)			720 00						720 00
" Cimon block, S.C.R			30 00						30 00
Hull, research laboratory							4 74		4 74
Lachine, Dept. S.C.R., 180 Notre Dame street			175 00						175 00
Lake Edward, sanatorium	2,673 65								2,673 65
Montmorency Falls, Kent House hospital			1,135 00						1,135 00
Montreal, barracks, Guy street		73 50	10,076 20	45 30		3,044 81	824 10		14,063 91
" " old High School			9,570 00						9,570 00
" M. and D., Cable Censor's office			280 00			76 69			356 69
" " Embarkation, A.D.M.S			90 00						90 00
" " "Grey Head" hospital, garage			5,585 00						5,585 00
" " Kings Hall building, Auditor's Branch, etc		20 00	300 00		8 20				328 20
" " Mance street, 1st and 8th Machine Guns Brigade			2,801 34			32 29			2,833 63
" " Read building, Ordnance and barrack stores		0 40	10,000 00						10,000 40
" " temporary garage			1,000 00		175 00	60 00			1,235 00
" " Westmount Rifles, 1215 Greene avenue			1,398 00						1,398 00
" M.D. garage, 309-317 University street			4,879 32		30 19	135 65			5,045 16
" Presbyterian Theological College, military hospital			800 00						800 00
" Registrar, M.S.A		25 00							25 00
" Shaughnessy building, Dominion Police and taxation office		6,353 16	875 00			52 38			7,280 54
" S.C.R., Coronation building		117 90	835 00	23 68	11 14	42 00			1,029 72
" " Drummond building		1,945 40	19,676 94		1 15	104 76			21,728 25

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Quebec—Continued.									
Montreal, S.C.R., Nurses' Home, 786 Dorchester street W			2,750 00						2,750 00
" " Nurses' Home, 45 Sherbrooke street W			1,333 32						1,333 32
" " old Loyola College			17,714 50						17,714 50
" " store room			3,000 00						3,000 00
" " training branch			11,666 62						11,666 62
" " vocational school			1,500 00						1,500 00
" " 186 Windsor street			1,916 63						1,916 63
Quebec, Cove Fields, barracks	6,281 45								6,281 45
" military hospital		221 35							221 35
" M. and D., Cummings building, Headquarters offices			163 34	21 98					185 32
" " Lemieux building, Ordnance stores			4,866 08	643 96		275 00			5,785 04
" " Lemieux building, right of way			250 00						250 00
" " O'Brien's garage				11 98					11 98
" " Supt. Dominion arsenal			800 00						800 00
" Registrar, M.S.A		148 36	1,724 26						1,872 62
" S.C.R., Medical Director					7 63				7 63
" " Merger building		290 00	2,222 90						2,512 90
" Soldiers' Settlement Board (Lindsay building)		872 22	827 00						1,699 22
Sherbrooke M. and D. dental clinic (York Apt.)		58 18	50 00						108 18
" Soldiers' Settlement Board (Sun Life building)		1,460 83	825 00						2,285 83
Ste. Anne de Bellevue, land for military hospital on MacDonald College property			500 00						500 00
Ste. Anne de Bellevue, military hospital	281,035 90								281,035 90
Quebec Province generally, sundry buildings		112 30	137 75		11 77	58 20			320 02
Ottawa Buildings.									
Air Board, 529 Sussex street		4,458 70	1,094 91						5,553 61
Board of Pension Comm., Federal building			7,002 38		145 73				7,148 11
" " 52-54 Rideau St		2,621 64	6,150 07		555 36				9,327 07
" " Transportation building		2,451 47	45,600 00		615 62				48,667 09
Canada Life Building, Fuel Controller, etc					0 35				0 35
Central Appeal Judge, M.S.A		98 75	3,650 00						3,748 75

Dental Corps, 107 Bank street			552 00						552 00
Historic Records Commission, cor. Sparks and Kent streets			4,450 00						4,450 00
Hope Building, Chief Press Censor		136 18	2,988 44		8 64				3,133 26
Income tax office		17,947 02							17,947 02
Inspector of Artillery Stores, 306-310 Sparks street			1,275 00						1,275 00
Kennedy Building, War Loan office		696 44							696 44
La Banque Nationale, B. Internment Branch			1,150 48						1,150 48
M. & D., Aylmer Annex Apt. 7 and 401			867 58						867 58
" Birks building, D.E.S. Branch		1,125 00							1,125 00
" Canadian building, S. &. A. & A. P. Branch		16,053 72							16,053 72
" Daly Building, Records office		13,185 00	810 00			34 68			14,029 68
" Eclipse Building, Contracts Branch			6,000 00	100 73	82 08	53 20			6,236 01
" Elgin Cottage, 61 Albert street			2,859 05		16 29	55 10			2,930 44
" Garage, cor. Duke and Queen streets			4,392 31			29 93			4,422 24
" McKenzie building			945 00			6 68			951 68
" O.A.A.C. building, 5th P.L.D.G. and Artillery Brigade			6,000 00						6,000 00
" Popham building, dental service, etc			5,733 00		138 32				5,871 32
" Woods building, Central Registry office		17,870 56							17,870 56
Ordnance stores	400 00		3,983 04			7 45			4,390 49
S.C.R. Demobilization staff, 130-132 Queen street		842 22	5,857 77		61 50		20 00		6,781 49
" Headquarters	73,183 34	14,468 75		30 26	28 83				87,711 18
" 327 Wellington street		28 50							28 50
" Fitting Depot, 121-123 Rideau street			2,100 00		24 23				2,124 23
" Vocation office, 194 Chapel street		13 73	510 00						523 73
Soldiers Settlement Board, generally		20,852 83			20 31				20,873 14
" " Union Bank building		8,409 77							8,409 77
Sir Sanford Fleming Home			3,770 58						3,770 58
" " offices, etc			200 00						200 00
Trade Commission, 113-119 Rideau street					0 66				0 66
Trust Building, P.O. Censor			859 95		1 32				861 27
War Savings Commission, 224 Sparks street			1,015 00		4 33				1,019 33
" " cor. Sparks and Lyon streets			829 40						829 40
War trophies storage		14 61							14 61
Generally	1,500 00	36,443 72	1,652 80			24 70	260 00		39,881 22
Ontario excluding Ottawa.									
Barrie M. and D. dental clinic, 76 Dunlop street			200 00						200 00
Brantford S.C.R., cor. King and Dalhousie streets			1,050 02						1,050 02
" Royal Bank building, Vocational Branch			267 50						267 50
" Schultz building workshop			75 00						75 00
Burlington, Brant House military hospital	24,728 62								24,728 62
Cobourg military hospital		45 12	530 00						575 12
Fort William Soldiers Settlement Board		80 95							80 95
Freeport (near Kitchener) sanatorium	15,608 25								15,608 25

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
Ontario (excluding Ottawa)- Continued.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Guelph, military hospital	6,435 36								6,435 36
" reformatory farm			255 39						255 39
" " military hospital			25,000 00						25,000 00
" S.C.R., Herald building			800 00						800 00
" " industries			260 00						260 00
Haileybury Griffin building, S.C.R			280 00						280 00
" Haileybury block, C.A.D.C			120 00						120 00
Hamilton M. and D., C.A.D.C., 127 King st. E			1,173 33						1,173 33
" S.C.R., Vocational Branch, 23 Emerald street			100 00						100 00
" " " Clyde block			2,315 00						2,315 00
Kingston, barracks	3,846 67								3,846 67
Kingston, Elmhurst		100 18							100 18
" " Nurses Home		67 76	1,500 06						1,567 82
" Calvin House, Nurses Home, 131 King street			425 00						425 00
" M. and D. dental clinic office			120 00						120 00
" " Headquarters		34 38							34 38
" " " and S.C.R		9 55	300 00						309 55
" " District paymaster, M.D. No. 2		94 09	3,680 00						3,774 09
" " Information Bureau, Hotel Frontenac			120 00						120 00
" " military station hospital			4,278 77						4,278 77
" " ordnance depot, Cement building			3,142 00						3,142 00
" " " stores, cor. Brock and Clarence streets			700 00						700 00
" " Red Cross drug store—damages			120 00						120 00
" " Registration office, Ontario Hall		132 75							132 75
" " Y.M.C.A. building, "Grey Horse" storage			72 00						72 00
" Mowat sanatorium	64,668 15								64,668 15
" Queens military hospital	5,256 58								5,256 58
" S.C.R. Golden Lion block		793 43	1,705 00						2,498 43
" " old Collegiate, Medical Branch			3,166 62						3,166 62
" " Tractor school, 62 King st. W		50 43	400 00						450 43

" " Vocational Branch Merchants Bank building			204 16						204 16
" Sydenham "Ongwanada" isolation hospital	210,796 54								210,796 54
London military hospital		80 30							80 30
" M. and D. Civil section C.M.P.C.		288 45	5,501 18						5,789 63
" S.C.R. Demobilization Branch			521 00						521 00
" " Vocational (auto-school)		377 82	420 00						797 82
" " " Branch, technical school			7,000 00						7,000 00
" Soldiers Settlement Board		234 36							234 36
" Tecumseh barracks		598 26							598 26
" Westminster military hospital	912,528 51								912,528 51
Newmarket, S.C.R. Nurses Home, staff			600 00						600 00
North Bay, C.A.D.C. office, Main street			75 00						75 00
" M. and D. dental clinic			90 00						90 00
Orillia, S.C.R. Vocation office			577 50						577 50
Oshawa, S.C.R. Simcoe street			275 00						275 00
Owen Sound, S.C.R. Hilburn block			210 00						210 00
Peterboro, S.C.R. Vocational Branch Barrie building			570 24						570 24
" Dominion police, 163 Simcoe street		67 55	60 00	12 00					139 55
" Military District No. 3, C.A.D.C.		10 00	60 00						70 00
Port Arthur, armoury	23,968 70	1,218 05							25,186 75
" M. and D. Keefer House, 98 Court street			590 68						590 68
" S.C.R. Vocational Branch, Whalen building			910 00						910 00
Portsmouth "Calderwood" hospital for incurables		219 89							219 89
St. Catharines, Oak Hall military hospital	728 27								728 27
" S.C.R., Standard building, Vocational Branch			700 00						700 00
St. Catharines, " 98 St. Paul street		329 85	200 00						529 85
Sault Ste. Marie, M. and D. dental clinic, Queen street			120 00						120 00
" S.C.R., Barnes building, Vocational Branch			364 23						364 23
" 51st Soo Rifles, 849 Queen street W			440 00						440 00
Stratford military barracks, Mooney Biscuit factory			1,250 00						1,250 00
" S.C.R. Vocational Branch			319 17						319 17
Sudbury, M. and D. dental clinic, Stafford block			175 00						175 00
Toronto Casualty clearing station	84,650 64								84,650 64
" Central Military hospital, old Bishop Strachan school	8,111 84								8,111 84
" Military District No. 2 Headquarters, 149 College street		947 12		879 50					1,826 62

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	cts.	$ cts.	$ cts.	$ cts.	$ cts.
Ontario (excluding Ottawa)—Continued.									
Toronto Military police barracks, old Registry building			400 00						400 00
" M. and D. barracks stores, 63 Wellington street W.			2,566 67						2,566 67
" " military hospital commission, Queens Park			345 65						345 65
" " Paymaster Military District No. 2		165 50	17,000 04						17,165 54
" " Reliance building, Inspector General's Department			325 00						325 00
" " Repatriation Commission Temple B.)			90 00						90 00
" " Supply Depot, 270 Dundas street W.			2,550 00						2,550 00
" Nurses Residence, 699 Spadina avenue			675 00						675 00
" Orthopaedic hospital	251,780 69								251,780 69
" R.C.M.P. quarters		127 77							127 77
" Registrar M.S.A. (Temple B.)		36 00	3,553 84						3,589 84
" Rosedale temporary barracks		875 00							875 00
" St. Andrew's College military hospital	1,467 88								1,467 88
" " " nursing sisters			600 00						600 00
" S.C.R. demobilization office, 287 Queen street W.			1,755 00						1,755 00
" " dental clinic, Orthopaedic Branch, 184 Spadina avenue		539 91	1,896 00						2,435 91
" S.C.R. garage, Bathurst street			3,861 00						3,861 00
" " Information and Service Br.			405 00						405 00
" " mechanical transport, Dupont street garage			900 00						900 00
" " medical office, 69 71 King street W.			1,000 00						1,000 00
" " Nurses' Home, 141 Isabella st.			1,375 00						1,375 00
" " Vocational Br. Allen building			15,807 66						15,807 66
" " " 616 College st.			80 00						80 00
" " " Broadway church (basement)			350 00						350 00
" " " Douglas block			860 00						860 00

" " " 592 King st			6,420 00						6,420 00
" " " Royal Alexandra, lot			144 00						144 00
" " warehouse, 475 Spadina ave			520 00						520 00
" Spadina military convalescent hospital	3,243 29		10,150 00						13,393 29
" " " " Nurses' home			275 00						275 00
" Soldiers' Settlement Board, 32–34 Adelaide street		5,151 20							5,151 20
" The Shedden Forwarding Co., 368 Front street			105 00						105 00
Toronto North, orthopædic hospital (Davisville)	7,146 46		7,611 50						14,757 96
Whitby, S.C.R. military hospital			6,250 00						6,250 00
Windsor, S.C.R. clinic med., etc			420 00	58 80	18 48	4 80			502 08
" " Vocational Branch			128 00						128 00
" " " " 16 London street E			500 00						500 00
Woodbridge sanitarium	391 00								391 00
Ontario generally, sundry buildings		925 95	32 00		5 86	1 28			965 09
Manitoba.									
Brandon S.C.R. 140 10th street		203 04	600 00						803 04
Transcona S.C.R., G.W.V.A. building, Information Service			54 00						54 00
Winnipeg, armoury and drill hall, C.A.S.C			160 00						160 00
" Canada Food Board		25 50							25 50
" "Deer Lodge" military hospital			1,964 52						1,964 52
" M. and D. Armouries 34th Fort Garry Horse			4,200 00						4,200 00
" Crescent Creamery building, barracks stores			1,800 00						1,800 00
" " garage, Good street			960 00						960 00
" " Great West Permanent building, Stationery Branch			3,105 20						3,105 20
" " Imperial garage			1,875 00						1,875 00
" " Lasalle Hotel, ven. hospital			4,500 00						4,500 00
" " Ordnance stores (Ellis block)			1,300 00						1,300 00
" " Sylvester-Wilson building, 106th headquarters			448 35						448 35
" Ordnance stores (Aldous block)			5,844 00						5,844 00
" Registrar M.S.A. (Boyd building)		85 00	842 66						927 66
" S.C.R. assistant director, (Keewaydon building)			4,447 00						4,447 00
" " Board of Trade building, Information service			200 00						200 00
" " Manitoba College, cor. of Ellen and Vaughan			6,000 00						6,000 00
" " Notre Dame, Investment building			8,016 00						8,016 00

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Manitoba—Continued.									
Winnipeg, S.C.R. Union Overall building			3,500 00						3,500 00
" Soldiers' Settlement Board (Enderton building)		6,626 56	4,100 65						10,727 21
" "Tuxedo, cottage for nurses' quarters			75 00						75 00
" " military hospital	488,886 67								488,886 67
Manitoba generally, sundry buildings		294 60		274 25					568 85
Saskatchewan.									
Moosejaw, military hospital, nurses' home			348 00						348 00
" " " Ross school	4,037 12								4,037 12
" M. and D. 60th Rifles of Canada, (Central chambers)			75 00						75 00
" Red Cross hut			90 00						90 00
Prince Albert, C.A.D.C. dental clinic, (Mitchell block)			462 00						462 00
" Soldiers' Settlement Board, (Bank of Ottawa building)		2,549 31	752 50						3,301 81
" Soldiers' Settlement Board, (Empress theatre building)			566 67						566 67
Regina, Earl Grey military hospital		15 00							15 00
" Earl Grey nurses' home, 1632 Victoria avenue			180 00						180 00
" M. and D., barracks stores, M.D. No. 12			1,400 00						1,400 00
" " Demobilizationbranch, (Sherwood building)		90 05	15,419 08	367 70					15,876 83
" " dental office, C.A.D.C., (Kerr block)			520 00						520 00
" " garage (14th avenue)			1,235 00						1,235 00
" " Grey Nuns' hospital			87 50						87 50
" " Military district No. 12			3,500 00						3,500 00
" " Paymaster, Military district No. 12			1,750 00						1,750 00
" " Ordnance Corps, ammunition hut			420 00						420 00
" " Ordnance stores			2,316 60						2,316 60
" " 2162 Robinson street			30 00						30 00
" " 2255 "			30 00						30 00
" " St. Paul parish hall, temporary hospital			760 00						760 00

" " Soldiers' Settlement Board		4,745 00	7,049 00						11,794 00
" " Soldier Settlement Board, (McCallum building)		356 10	5,856 65						6,212 75
" " old post office building			400 00						400 00
" Registrar, M.S.A		3 00							3 00
" St. Andrews hospital, (Dewdney Hall)			300 00						300 00
" S.C.R., G.W.V.A. building			1,221 00						1,221 00
" " western stores			4,000 00						4,000 00
Saskatoon, M. and D., armoury (old Knox church)			100 00						100 00
" Soldiers' Settlement Board, (Canada Life building)		663 71	199 50						863 21
" Soldiers' Settlement Board, (Connaught block)		3,708 48	2,540 00						6,248 48
" Soldiers' Settlement Board, (Travellers block)			120 00						120 00
Swift Current, dental offices, (Burrow building)			350 00						350 00
Yorkton, M. and D., C.A.D.C., (Collacott block)			150 00						150 00
Saskatchewan, sundry buildings generally		404 77							404 77
Alberta.									
Banff, St. Chad's military hospital	66 45								66 45
" sanatorium		32 10							32 10
Calgary, barracks		90 00							90 00
" Bownes sanatorium		32 50							32 50
" immigration agent accommodation			420 00						420 00
" M. and D., armoury 636, 14th avenue			1,000 00						1,000 00
" " Casualty section, D.D. and barracks stores, hospital supply depot		125 00	800 00						925 00
" " dental clinic, (Herald building), room 515			350 00						350 00
" " garage, 330 5th ave. W			2,400 00						2,400 00
" " " 230 6th ave W		6 25	1,306 10						1,312 35
" " Headquarters C.A.S.C. and S.C.R.		17 50	1,080 00		2 71				1,100 21
" " mechanical transport, M.D. No. 13			180 00						180 00
" " O. C. 4th Field Troop Can. Engrs			36 00						36 00
" " Ordnance Depot			1,200 00						1,200 00
" Ogden convalescent home			19,999 99						19,999 99
" Sarcee military hospital	19,125 22								19,125 22
" North West Commercial Travellers' Association			125 00						125 00
" S.C.R., imb fitting factory			300 00						300 00
" " military hospital supt., (Can. Fairbanks building)			5,400 00						5,400 00

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Continued.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
Alberta—Continued.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Calgary, S.C.R. Nurses' Home, 1417 7th Ave. M.W.			480 00						480 00
" " Nursing Sisters' Home, 712 12th ave.		24 65	1,325 35						1,350 00
" " Occup'n, Therapy, 515 6th ave. W			400 00						400 00
" " and S.S. Board, (Lancaster build ng)		121 30	11,687 45						11,808 75
" " workshops, etc., 606-608 2nd street E.			810 00						810 00
" " Sunnyside hospital			3,000 00						3,000 00
" Soldiers' Settlement Board, M.S.A., registrar, etc., (Southam chambers)		6,294 69	5,700 00		168 15				12,162 84
Edmonton, Connaught armouries	1,865 85								1,865 85
" M. and D. dental clinic (Tegler building)			670 00						670 00
" S.C.R. Alberta College, military hospital	6,754 44		10,999 92						17,754 36
" " Nurses' Home, 11135 84th avenue		79 00	550 00						629 00
" " orthopædic shop, (St. Regis building)			725 00						725 00
" " and Soldiers' Settlement Board		2,844 09	10,692 69						13,536 78
" " Vocation Branch, (White blk)			1,620 00						1,620 00
" " Vocation Branch, 10858 Whyte avenue			617 50						617 50
" Soldiers' Settlement Board, (Williamson block), Jasper avenue		1,763 96	1,372 62						3,136 58
" Soldiers' Settlement Board generally		5,616 15							5,616 15
Edmonton South (Strathcona), military hospital	466 03		15,325 75						15,791 78
Frank, military hospital	1,069 35		1,394 00						2,463 35
Lethbridge, S.C.R., (215 Sherlock block)			255 00						255 00
Medicine Hat, M. and D., (fire hall)			3,000 00						3,000 00
Wetaskiwin, S.C.R., Nurses' Home			200 00						200 00
Alberta, sundry buildings generally		186 85							186 85
British Columbia.									
Balfour, S.C.R., (Alson cottage)			132 25						132 25
" " (Balfour ranch)			420 00						420 00
" " (Kootenay Lake hotel)			4,537 50						4,537 50

Esquimalt, military hospital	38,135 50								38,135 50
Fernie, S.C.R., (Napanee building)			100 00						100 00
Kamloops " (rear of Leland hotel)			125 00						125 00
" " (Stevens & Allan block)			40 00						40 00
Nelson, Soldiers' Settlement Board		235 00	342 00						577 00
New Westminster, S.C.R., Nurses' Home			480 00						480 00
" " Vocational Branch			50 00						50 00
Penticton, S.C.R., (Shatford block)			120 00						120 00
Revelstoke, dispersal station, (Opera House)			140 00						140 00
" M. and D. Asst. Director o Transport, etc			400 00						400 00
" " (Burns building)			150 00						150 00
" " M.D. No. 11, (Hume block)			150 00						150 00
" S.C.R., M. D. No 11			300 00						300 00
" " (McRae block)			180 00						180 00
Vancouver Birks building, Dominion Labour, clearing house		106 80	150 00						256 80
" Fairmount, military hospital		12 40	1,405 31						1,417 71
" General hospital military annex	1,967 27								1,967 27
" Headquarters armoury Seaforth Highlanders			375 00						375 00
" M. and D., C.A.S.C., 1117 Seaton st			720 00						720 00
" " " stables			34 80						34 80
" " Hastings Park, M D. No 11			1,700 00						1,700 00
" " Headquarters staff, C.M.P.C. etc		52 10	1,725 00						2,250 10
" " offices and clearing stn			390 00						390 00
" Shaughnessy military hospital	6,042 80		2,107 96						8,150 76
" S.C.R., (Board of Trade building)			10,424 00						10,424 00
" " class room and Vocational Branch			1,500 00						1,500 00
" " (Farmer building)			1,431 06						1,431 06
" " garage			1,042 24						1,042 24
" " Information service			2,400 00						2,400 00
" " 155 Cordova street West			202 00						202 00
" " 316 " "		513 40	150 00						663 40
" " VocationalBranch(Thomson block)			900 00						900 00
" Soldiers' Settlement Board (Rogers building)		7,913 50	4,779 24						12,692 74
Vernon, Soldiers' Settlement Board, 235 Bernard avenue East		3,308 69	175 00	106 50	2 50				3,592 69
Victoria, Irving House hospital			900 00						900 00
" Military convalescent hospital			3,600 00						3,600 00
" M. and D., Dist. Paymaster Rec. offices			5,860 00						5,860 00

EXPENDITURES by the Department of Public Works of Canada from War Appropriations.—*Concluded.*

Name of Building.	Construction and Improvements.	Repairs and Furniture.	Rents.	Heating.	Lighting.	Water.	Power.	Staff and Maintenance.	Total.
	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
British Columbia—Continued.									
Victoria, M. and D., medical stores, 719 Courtney street			460 00			1 94			461 94
" " Qualicum Beach, M.D. garage			475 00						475 00
" " stores, 721 Courtney street			112 50						112 50
" " "Willows" encampment			150 00						150 00
" "Resthaven" military hospital			3,000 00						3,000 00
" S.C.R., "Craigdarrock" hospital			1,386 67						1,386 67
" " garage			175 00						175 00
" " garage, (F. Dougal)			135 48						135 48
" " garage 1017 Rockland avenue			600 00						600 00
" " 913 Douglas street			300 00						300 00
" " 851-853 Fisguard street			400 00						400 00
" " 616 Trounce street			102 00						102 00
" " Mechanical clinic 1406 Douglas street			200 00						200 00
" " and M. and D., (Central building)			3,640 97						3,640 97
" " Information service (Law Chambers)			133 55						133 55
" " store-room for "Craigdarrock" hospital			60 00						60 00
" Soldiers' Settlement Board		2,430 91							2,430 91
" " " " (Pemberton block)		730 75	2,590 00						3,320 75
British Columbia, sundry buildings, generally	354 10	2,255 37	90 00	201 69					2,901 16
Sundry military buildings, generally		616 35	330 60					101,842 27	102,789 22
Taxation offices		30,829 83							30,829 83
Grand total	3,244,611 10	275,265 68	705,051 70	2,977 85	2,146 35	4,123 54	1,108 84	101,842 27	4,337,127 33

EXPENDITURES by the Department of Public Works of Canada from all Appropriations.

Recapitulation.	Dredging	Construction and Improvements.	Repairs.	Staff and Maintenance.	Total.
Tota's Public Buildings—	$ cts.	$ cts.	$ cts.	$ cts.	$ cts.
Nova Scotia		28,304 71	24,960 59	90,024 38	143,289 68
Prince Edward Island		6,826 36	7,029 82	16,086 47	29,942 65
New Brunswick		38,019 39	14,643 97	85,076 17	137,739 53
Quebec		191,384 94	70,476 48	431,709 31	693,570 73
Ottawa buildings		3,200,540 95	497,125 61	1,582,017 67	5,279,684 23
Ontario (excluding Ottawa)		725,373 86	44,589 72	365,873 73	1,135,837 31
Manitoba		29,480 71	12,129 71	129,018 76	170,629 18
Saskatchewan		44,234 13	20,020 73	87,533 06	151,787 92
Alberta		64,987 37	16,753 91	125,380 41	207,121 69
British Columbia		155,377 00	30,759 82	164,958 70	351,095 52
Yukon				37,382 04	37,382 04
Public Buildings Generally		14,655 91	110 00	89,277 69	104,043 60
Totals, Harbours and Rivers—					
Nova Scotia	206,999 53	107,149 64	95,758 99	3,232 86	413,141 02
Prince Edward Island	55,877 00	24,078 64	10,623 76	2,123 41	92,702 81
New Brunswick	118,225 52	1,028,545 81	43,296 59	3,722 32	1,193,790 24
Quebec	207,892 58	433,206 58	148,402 34	187,089 11	976,590 61
Ontario	165,136 06	1,022,837 40	154,717 92	97,943 55	1,440,634 93
Manitoba	29,016 58	26,466 49	5,278 01	26,143 49	86,904 57
Saskatchewan and Alberta	6,281 48			735 96	7,017 44
British Columb a	373,007 72	223,657 68	112,513 09	140,784 35	849,962 84
Yukon					
Harbours and rivers, generally		12,672 62		409,600 31	422,272 93
Totals—					
Dredging plant			43,049 46		43,049 46
Slides and booms			5,511 27	27,827 34	33,338 61
Roads and bridges		172,467 87	25,510 37	4,909 53	202,887 77
Telegraph lines		79,485 56	12,390 06	793,854 57	885,730 19
Miscellaneous		121,767 05		906,417 97	1,028,185 02
War appropriation		3,244,611 10	275,265 68	817,250 55	4,337,127 33
Grand totals of expenditures	1,162,436 47	10,996,131 77	1,670,917 90	6,625,973 71	20,455,459 85

CONTRACTS, DEEDS AND LEASES

Law Branch, P.W.D.

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.

Works.			Names of Contractors.	Date of Contract.	Amount.
		PUBLIC BUILDINGS.			
		Nova Scotia.			
Halifax	Bellevue Military Hospital	Alterations to present building and construction of new ward building	M. E. Keefe Construction Co., Ltd.	May 10, 1919	$ 76,102 00
"	Administration building, laundry and stores, vocational and gymnasium building and alterations to boiler rooms, etc., guard house fencing, grading, drainage and fire mains, nurses' home with alterations, etc., in connection with Military Hospital.		Rhodes, Curry Co., Ltd.	July 12, 1919	289,608 42
"	Alterations, etc., to post-office fittings.		Thomson & Theakston	Aug. 12, 1919	9,790 00
"	Post office	Alterations for new dormitory in	" "	Sept. 26, 1919	5,160 00
		Prince Edward Island.			
Charlottetown	Military Hospital	Alterations to northward building, (chicken house, stable and coach house).	E. Parkman & Son	July 29, 1919	4,125 28
"	" "	Heating and plumbing required in northward building (chicken house, stable and coach house).	Jas. A. Curry and John F. Murnaghan	July 29, 1919	1,060 00
North Wiltshire	(Dalton sanatorium)	Water tower and tank—construction of.	Canadian Chicago Bridge and Iron Co., Limited.	June 14, 1919	5,510 00
North Wiltshire	" "	Power house and laundry—construction of.	Phillips & Mutch	July 14, 1919	68,250 00
"	" " Medical officer's residence, pump house and vocational building.	Construction of	Henry J. Phillips	Aug. 1, 1919	47,606 00
"	" (Dalton Sanatorium). Addition to Administration building.	Construction of	Peter G. Clark	Jan. 15, 1920	7,500 00

			New Brunswick.			
Moncton	Post office	Addition and alterations to	P. N. Leblanc	March	24, 1920	1,755 00
Partridge Island (St. John).	Immigration-Detention building	Construction of	W. Arch. Munro	June	27, 1919	27,840 00
" "	Detention building	Alterations, supply and installation of equipment.	Jas. McPartland & Sons	March	17, 1920	2,840 00
Riverglade	Jordan sanatorium	New tile drain and alterations to heating plant, pipe line, etc., etc.	J. H. Doody	Oct.	6, 1919	24,547 00
St. John	County hospital	Alterations to power plant	J. H. McPartland	April	16, 1919	8,885 00
"	Post office	Alterations and additions to fittings.	John Flood & Sons	Aug.	5, 1919	1,950 00
" East	County hospital	Roadways and grading in connection with.	Lewis Stephen	Sept.	24, 1919	5,500 00
"	Immigration Shed No. 4	Electric wiring and fittings	The Vaughan Electric Co., Ltd	Jan.	12, 1920	752 00
St. Stephen	Public building	Electric wiring and fittings	Border Electric Co	Aug.	18, 1919	816 00
			Quebec.			
Grosse Isle	Quarantine station. Operating house in connection with Radio-telegraph station.	Construction of	Delphe Maranda	Sept.	13, 1919	2,340
Montreal	New Federal building	Excavation and foundation work for.	P. Lyall & Sons Cons. Co., Ltd	May	30, 1919	79,000 00
Ste. Anne de Bellevue.	Military hospital	Additional works required in connection with.	E. G. M. Cape & Co., Ltd	May	5, 1919	6,846 00
" "	Sewer	Extension of	" "	June	27, 1919	7,281 00
" "		Grading and roadwork in connection with.	I. Kert & Son	Aug.	11, 1919	21,000 00
Three Rivers	New public building	Elevator enclosure	A. Heon & Co	June	4, 1919	2,195 00
" "	" "	Electric hoist	The Turnbull Elevator M'f'g. Co., Ltd	June	16, 1919	1,985 00
" "	" "	Concrete sidewalks, grading and seeding.	A. Heon & Co	Aug.	11, 1919	13,808 00
			Ontario.			
Burlington	Military hospital	Grading and roadwork	George Fitzgerald	June	30, 1919	4,015 00
Fort William	Post office	Supply and installation of new elevator.	J. Hosegood	Oct.	13, 1919	3,469 00
Hamilton	Postal station "B"	Construction of	Kennedy Connor	Aug.	4, 1919	36,650 00 and unit prices for additional excavation.
Kingston	(Sydenham)	Alterations, etc., to existing stone building for conversion of same into Military hospital "Pavillion "A."	W. H. Harvey	April	9, 1919	70,000 00

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.		Names of Contractors.	Date of Contract.	Amount.
	PUBLIC BUILDINGS—*Continued.*			
	Ontario—Continued.			
Kingston.....	Educational Block at Royal Mil-itary College.—Construction of.....	Pigott-Healy Cons. Co.....	April 12, 1919	326,884 00 and for additional concrete $20.00 per cu. yd.; wood-trim for blackboard $0.25 per lin. ft.; chalk rail for blackboard $0.40 per lin. ft.; slate blackboard $0.60 per lin. ft.; Foreign in place of Canadian marble $2 000.00 bulk sum.
"	Educational Block. Alterations, etc., to existing stone building for conversion of same into power house..—In connection with.....	W. H. Harvey.....	April 17, 1919	60,215 00
"	(Sydenham) Military Hospital....Additional works in connection with.	W. H. Harvey.....	May 26, 1919	6,777 00
"	Portsmouth (Mowat sanatorium)..Sewage system and disposal works	Days labour.....	June 2, 1919	7,200 00
"	(Sydenham) Mil. Ortho. Hosp...Alterations, etc., to existing cottage buildings for conversion of same into vocational building.	W. H. Harvey.....	June 12, 1919	10,660 00
"	" " " ....Alterations, etc., to existing stone residence for conversion of same into officers' quarters.	McKelvey & Birch, Ltd.....	June 12, 1919	6,337 00
"	(Sydenham) Power House build-ing. Three boilers of Galt sprinkler stokes.—Installation of.....	W. H. Harvey.....	June 23, 1919	5,600 00
"	(Sydenham) Nurses' Home.....Plumbing work.....	Elliott Brothers.....	July 18, 1919	1,294 00
"	Mowat sanatorium. Nurses' Home—Construction of.....	McKelvey & Birch, Ltd.....	July 29, 1919	29,367 00

"	.....(Sydenham) Military Hospital....	Cleaning, repairing, alterations etc., to.	,W. H. Harvey.....	Aug. 29, 1919	2,500 00	
"	..... " Convalescent hospital.	Sewage system and disposal works	W. H. Harvey.....	Aug. 29, 1919	Schedule of prices.	
"	..... " Military hospital.....	Grading and roadwork in connection with.	W. H. Harvey.....	Sept. 18, 1919	9,088 00 and for macadam road $1.25 p. cu. yd. and excavation $1.59 per cu. yd.	
"	.....Mowat sanatorium. (Main build-ing).	Alterations and additions to.....	H. W. Watts.....	Feb. 28, 1920	17,975 00	
London.....	Westminster Psychopathic hosp-ital, Isolation hospital, T.B. Pavillion, Recreation building, garage, storage and mortuary building.	Construction of.....	W. H. Harvey.....	Sept. 12, 1919	167,844 00	
"	.....Westminster Psychopathic hospital	Grading and roadwork.....	W. H. Harvey.....	Feb. 7, 1920	29,800 00 and unit prices.	
Oshawa.....	Examining warehouse.....	Construction of.....	Russell-Navin Cons. Co.....	Sept. 26, 1919	21,900 00 and for excavation $1.50 per cu. yd., and for concrete work including forms $16.50 per cu. yd.	
Ottawa.....	Hunter building. Additional par-titions and supply of doors.	.....	Bate, McMahon & Co.....	April 5, 1919	36,378 00	
"	.....Hunter building. Glazed partit-ions, panelling, etc.	Construction of.....	Bate, McMahon & Co.....	May 27, 1919	Approx. cost. 12,533 84	
"	.....Hunter building. Three skylights and pent house.	Construction of.....	Bate, McMahon & Co.....	May 27, 1919	5,028 84	
"	.....Hunter building. Additional works	Construction of.....	Bate, McMahon & Co.....	July 1, 1919	22,696 13	
"	.....Hunter building. Fixtures and lamps.	Supply and installation of.....	A. A. Giddings & Co.....	Aug. 7, 1919	9,981 45	
Ottawa.....	Heating tunnel on Wellington street to connect departmental buildings with central heating plant.....		Doran & Devlin.....	Aug. 8, 1919	$14,640.00 and $3 per cu. yd. for extra excavation and $18 per cu. yd. for extra concrete, etc.	
"	.....Heating tunnel on Wellington street	Heating pipes—installation of.....	W. G. Edge, Ltd.....	Sept. 11, 1919	$18,121.24	
"	.....Heating duct (Vittoria street).....	Work in connection with construction of.	Grant Bros.....	Sept. 18, 1919	$1,470.00 and $8.50 per cu. yd. for any rock excavation.	

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.			Names of Contractors.	Date of Contract.	Amount.
		PUBLIC BUILDINGS.			
		Ontario.			
Ottawa	Hunter building	Supply of electric current for lighting and power.	Hydro Electric Commission	Nov. 6, 1919	At standard prevailing rates for alternating current for lighting and power and a flat rate of $20 per h.p. for direct current for elevators, with special discount of 5%
"	Experimental Farm Dairy building.	Construction of	Taylor & Lackey	Jan. 13, 1920	$29,680.00
"	Department of Soldiers' Civil Re-Establishment.	Addition to office building	Grant Bros.	Jan. 27, 1920	$5,692.30
Port Arthur	Armoury	Alterations and repairs to	M. H. Braden & Co.	June 2, 1919	$21,300.00 and for cleaning external face brickwork per cu. yd. $0.65, and for painting present woodwork in basement (two coats) cu.yd, $0.50.
Toronto	Asst. Receiver General's office	Alterations and additions to	The Britnell Contracting Co. Ltd.	April 7, 1919	$12,943.00
"	Demolition of present Customs building on Yonge, Bay and Front streets, and excavation works required for the Federal building to be erected.		P. Lyall & Sons Co. Ltd.	May 12, 1919	$18,600.00, and for plain excavation in earth per cu. yd. $2.50 and for plain excavation in rock, per cu. yd. $4.50, and for caisson in

						earth per cu. yard $11.00, and for caisson in rock per cu. yd. $17.00.
"	.....	Military hospital.....	Guard house in connection with—Construction of.	Daniel Kay.....	May 27, 1919	$ 4,120 00
"	.....	Military orthopædic hospital.....	Laundry building in connection with—Construction of.	The Dickie Cons. Co. Ltd.....	June 10, 1919	18,000.00
"	.....	Asst. Receiver General's office....	Fittings.....	John C. Gilchrist Lumber Co. Ltd.....	June 16, 1919	1,850.00
"	.....	Military Orthopædic hospital.....	Grading, roadwork, drains, fencing, etc.	The Britnell Contracting Co. Ltd.....	June 30, 1919	20,597.00
"	.....	Assistant Receiver-Gen'l's office...	Vault lining doors and lockers.. ..	J. & J. Taylor, Ltd.....	July 2, 1919	25,687 00
"	.....	Terminal Postal Station "A".....	Interior fittings, supply and installation of..	The J. T. Schell Co.....	Nov. 8, 1919	57,911 00
Welland	.....	Post Office.....	Alterations and additions to.....	W. J. Hickey.....	Dec. 15, 1919	1,533 00

The following item was received too late for insertion in last year's "Annual Report" (1918-1919)—

Burlington	.....	Active Treatment ward in connection with military hospital.	Construction of.....	Pigott-Healy Construction Co.....	March 29, 1919	76,600 00
			Manitoba.			
Brandon	.....	Post-office.....	Alterations and additions to.....	F. C. Lissaman.....	Dec. 3, 1919	5,781 75
Portage-la-Prairie		Post-office.....	Alterations and additions to.....	Snyder Bros.....	Mar. 22, 1920	27,660 00
Winnipeg	(Tuxedo)	Medical Officer's residence, nurses' quarters, orderlies' barracks, recreation building, storage building in connection with military hospital.	Construction of.....	Carter-Halls-Aldinger Co., Ltd.....	April 16, 1919	167,729 with addition of concrete posts for wood beams $500 Flaxlimum substituted for paper and boarding, $4,129.00.
"	"	Military hospital.....	Extension to power-house laundry.	Carter-Halls-Aldinger, Co. Ltd.....	May 13, 1919	145,529 00
"	(Immig'n bldg.)	New elevator and alterations in Postal Station "A".....		Wallace & Akins, Ltd.....	Mar. 1, 1920	12,863 00
"	(Tuxedo)	Military hospital.....	Roadways, sidewalks, etc., construction of.	Carter-Halls-Aldinger Co., Ltd.....	Mar. 8, 1920	40,000 00
			Alberta.			
Calgary	.....	Demolition of present buildings and excavation work in connection with proposed new Public Building.		Carter-Halls-Aldinger Co. Ltd.....	July 14, 1919	$17,829.00 and $2.35 per cu. yd. for additional excavation required.

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.			Names of Contractors.	Date of Contract.	Amount.
		PUBLIC BUILDINGS.			
		Alberta—Continued.			
Edmonton	Stratheona military hospital (Ser-vice building).	Alterations, etc., to	Brown & Hargrave	Oct. 2, 1919	5,246 00
Grande Prairie	Post-office and Dom. Lands Agency building.	Electric wiring and fittings	Crane-Cassidy Electric Co. Ltd.	Feb. 28, 1920	450 00
		Saskatchewan.			
Indian Head	Office building in connection with Forestry Branch.	Construction of	Wilson & Wilson, Ltd.	Nov. 21, 1919	$24,859.00 and $1.50 per cu. yd. for additional excavation and $16.50 per cu. yd. for additional concrete, including forms.
Moosejaw	Public building	Kalsomining and painting	H. E. Forbes	Oct. 17, 1919	$ 3,317 00
Regina	Post-office	Alterations and additions to fittings.	Poole Construction Co. Ltd	Aug. 19, 1919	4,765 00
"	Post-office building and old Royal Bank building.	Paving of back lane, with improvements, iron coal chute, etc.	Crown Paving & Cons. Co. Ltd	Oct. 30, 1919	1,700 00
Sutherland	Forest Nursery Station	Automatic lighting plant, electric wiring and fixtures and a pole line.	The Electric Shop	Oct. 29, 1919	3,100 00
		British Columbia.			
Vancouver	Post-office	Alterations and additions to toilet room.	Barr & Anderson	Dec. 8, 1919	1,465 00

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.			Names of Contractors.	Date of Contract.	Amount.
		HARBOURS AND RIVERS.			
		Nova Scotia.			
Boisdale	Wharf	Construction of	E. Dickson	Nov. 10, 1919	2,350 00
Devil's Island (Halifax).	Breakwater	Repairs and reconstruction of protection of.	M. C. Denton & M. A. Condon	July 25, 1919	Sched. of prices.
Little Brook	Breakwater	Repairs to	Hilarion F. Deveau	Nov. 11, 1919	Sched. of prices.
Meteghan	Public wharf	Repairs and renewals to	M. C. Denton & M. A. Condon	Nov. 10, 1919	4.50 per c. yd.
" Main	Breakwater	Rebuilding of the old Ell of	A. W. Girroir & W. F. Mackinnon	Mar. 26, 1920	Sched. of prices.
Sandy Cove	Breakwater	Reinforcing block on seaward face of, construction of.	John E. Bigelow & Son	June 18, 1919	4,900 00
Scotch Cove (White Point).	Breakwater	Extension to	A. W. Girroir & W. F. Mackinnon	Dec. 22, 1919	Sched. of prices.
Spry Bay (Jose)	Wharf	Extension to	A. W. Girroir & W. F. Mackinnon	July 29, 1919	Sched. of prices.
		Prince Edward Island.			
North Lake	Boat harbour	Construction of	J. Hughes, John Quinn & S. B. MacMillan	Sept. 23, 1919	Sched. of prices.
Souris	Breakwater	Delivery and placing of stone on portion of seaward side of.	H. J. Phillips & R. E. Mutch	Aug. 11, 1919	$10.75 per c. yd.
		New Brunswick.			
Black River	Dredging	Class "B" per cubic yard	A. Ramsay MacLean	June 4, 1919	0 24
Petit Rocher	Breakwater	Repairs to	Thos. P. Charleson	Dec. 2, 1919	Sched. of prices.
Shippigan Gully	"	"	Arcade Landry & Samuel G. Robichaud	Sept. 27, 1919	" "
St. John (Courtnay Bay)	Drydock	Additional rock excavation for entrance channel to.	The St. John Dry Dock & Shipbuilding Co., Ltd.	May 28, 1919	8.00 per c. yd.
"	Dredging in deep water berths	Class "B" per cu. yd	J. A. Gregory	Nov. 4, 1919	0 33
" Harbour	Grain conveyer	Construction of	Grant & Horne	Mar. 2, 1920	Sched. of prices.
		Quebec.			
Berthier (en bas)	Wharf	Repairs to	Nazaire Letourneau	Sept. 20, 1919	Sched. of prices.
Fort William	Pile wharf	Repairs and improvements to	Days' labour	July 8, 1919	
Laprairie	Protection dyke	Improvements to	A. Lacroix & H. Gravel	Sept. 15, 1919	" "
Lauzon	Fence to enclose two Government Dry dock properties (Lorne & Champlain and that of Davie Shipbuilding & Repairing Co., Ltd.).	Construction of	Jos. Gosselin, Ltd	June 23, 1919	" "

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued.*

Works.			Name of Contractors.	Date of contract.	Amount.
		HARBOURS AND RIVERS.			
		Quebec—Continued.			
Lauzon	Dry dock	Additional work in connection with	M. P. & J. P. Davis	Aug. 28, 1919	35,540 00
" (Lorne)	" Lavatory (toilet building)	Construction of	Jos. Gosselin, Ltd	Jan. 30, 1920	3,150 00
Magog	Wharf	Reconstruction of	Thos. P. Charleson	June 24, 1919	Sched. of prices.
Notre Dame des Sept Douleurs.	Wharf	Construction of extension	N. Letourneau & J. A. Fortier	Nov. 6, 1919	" "
Pointe Pizeau (Sillery).	Wharf	Repairing of	Jos. Gosselin, Ltd	Oct. 20, 1919	" "
Portage du Fort and Bryson.	Bridges	Painting of	Canadian Sand Blast Co., Ltd	Aug. 14, 1919	4,950 00
Quebec	(King's wharf) Marine stores building.	Repairs to	L. H. Peters, Ltd	Aug. 25, 1919	9,060 00
Quinze River	(North Timiskaming)	Construction of superstructure for bridge over.	The Hamilton Bridge Works Co., Ltd	June 19, 1919	82,000 00
Richmond	Three (3) ice breakers	Construction of	Thos. P. Charleson	June 24, 1919	Sched. of prices.
Sorel	Wharf	Corner in concrete and other repairs to.	Onesime Poliquin	Dec. 19, 1919	" "
Ste Anne de Beaupre.	Wharf	Repairs and reconstruction	"	Oct. 10, 1919	" "
St. Ignace de Loyola (Nord).	Wharf and approach	Reconstruction of	"	July 24, 1919	" "
St. Jean d'Orleans.	Wharf	Repairs to	N. E. Methot & J. E. Thibault	Nov. 26, 1919	" "
St. Laurent (Island of Orleans).	Wharf	Repairs to	Nap. Trudel & Jos. Trudel	Oct. 31, 1919	" "
St. Louis River (St. Louis de Gonzague).	Bridge abutments	Construction of	Onesime Poliquin	Dec. 9, 1919	1,900 00
St. Maurice River (Three Rivers).	Dredging	Class "B" per cu. yd	Simpson Bros. Co., Ltd	Sept. 3, 1919	0 24
St. Michel de Bellechasse.	Wharf	Construction of repairs to	Jean Baptiste Gallibois	July 28, 1919	Sched. of prices.
Vercheres	Wharf	Reconstruction of superstructure and repairs to approach.	Nap. Trudel, fils, & Jos. Trudel	April 29, 1919	" "
"	Pile reinforcement for head block and cribwork foundation for western concrete wall.		" "	Sept. 23, 1919	910 00
		Ontario.			
Bare Point (Port Arthur).	Extension to the rubble mound breakwater.	Construction of	Chambers, McQuigge & McCaffrey Co., Ltd.	July 26, 1919	Sched. of prices.
Bayfield	Retaining wall in lieu of present superstructure on part of north pier.	Construction of	James C. Bogie	June 19, 1919	" "

Burlington Channel	South pier	Repairs to	Ottawa Contractors, Limited	July	16, 1919	" "
"	New single bascule bridge over channel.	Preparation of plans, etc	Strauss Bascule Bridge Co	Mar.	1, 1920	12,500 00
Cobourg	Dredging entrance channel and basin.	Class "B" per cu. yd	Ottawa Contractors, Limited	June	30, 1919	0 27
Collingwood	Breakwater	Reconstruction of (being renewal of superstructure of part of eastern breakwater).	The York Cons. Co., Ltd	Feb.	27, 1920	Sched. of prices.
Connaught Station	Wharf	Construction of	Days' labour	June	25, 1919	5,300 00
Depot Harbour	Wharf	Renewal of	R. Brewder	Oct.	3, 1919	Sched. of prices.
Fort William (Mission River).	Breakwater	Construction of (as an extension to revetment wall and wharves at entrance to Mission channel).	The Port Arthur Construction Co., Ltd	July	26, 1919	" "
Kincardine	Dredging at entrance channel and basin.	Class "B" per cu. yd	The C. S. Boone Dredging & Cons. Co., Ltd.	July	24, 1919	0 60
Kingston (LaSalle Highway).	Placing of heavy and other stone rip-rap along south walls		John T. Sowards	July	15, 1919	Sched. of prices.
Midland	Government wharves Nos. 1 and 2.	Renewals to	Wm. Henry McArdle	Aug.	6, 1919	" "
Ottawa and Hull.	New steel highway bridge to replace the present "Union Bridge" over Ottawa river, between Ottawa and Hull.		The Dominion Bridge Co., Ltd	May	16, 1919	$110,000 00
"	(Chaudiere bridge)	Rebuilding the Hull abutment in connection with.	The Dom nion Bridge Co., Ltd	Aug.	30, 1919	Actual cost plus 10 p.c.
Point Edward	Removal of any obstacle which may form in bed of River St. Clair, Ont.		The Chick Contracting Co., Ltd	Mar.	10, 1920	Sched. of prices.
Port Arthur	Dredging in slip alongside Thunder Bay Elevator.	Class "A" per cu. yd	W. E. Phin	June	11, 1919	2 00
"		" "B" "				0 13
"	Temporary pile protection breakwater.	Repairs to	Bennett-McQueen Co., Ltd	July	3, 1919	Sched. of prices.
Port Colborne	Breakwater	Repairs to	J. M. Hogan	July	15, 1919	" "
Port Elgin	Town wharf	"	Max. Clairmont	Sept.	2, 1919	" "
Port Hope	Pier	"	Roderick Brewder	July	24, 1919	" "
Thessalon	Wharf	Reconstruction of	Allan Graham Tweedie	Aug.	8, 1919	" "
Toronto Harbour (Eastern entrance).	East pier	" portion of superstructure.	The C. S. Boone Dredging & Cons. Co., Ltd.	Sept.	9, 1919	" "
		Manitoba.				
Le Pas	Wharf	Construction of	M. J. Wylie & L. Berry	Nov.	1, 1919	Sched. of prices.
Little Pembina River.	Construction of stop log dam, pile bridges and canal for diversion of Little Pembina river into Lake Pelican.		Carter-Halls-Aldinger Co., Ltd	June	23, 1919	" "
		Saskatchewan.				
Indian Head	Forestry Branch office building	Construction of	Wilson & Wilson, Ltd	Nov.	21, 1919	24,859.00 and $1.50 per c. yd. for additional concrete and $16.50 per cu. yd. for additional concrete including forms, etc.

STATEMENT No. 1.—Contracts let by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Concluded.*

Works.			Name of Contractors.	Date of contract.	Amount.
		HARBOURS AND RIVERS.			
		British Columbia.			
Bamfield (Comox-Atlin Dist.)	Wharf	Repairs to	McDonald Watson & Wither	Mar. 25, 1920	Advance of 10 p.c. on unit prices.
Comox	Wharf	Repairs to	Fraser River Pile Driving Co., Ltd	Aug. 19, 1919	Sched. of prices.
Fraser River (North Arm).	Dredging (from the entrance to New Westminster, B.C.)	Class "B" per cu. yd	The Pacific Construction Co., Ltd	Sept. 2, 1919	0 15½
Half Moon Bay	Wharf (pile bent and timber decking).	Construction of	Fraser River Pile Driving Co., Ltd	Sept. 2, 1919	5,775 00
Naramata	Wharf	Construction of	Samuel Mills	Nov. 3, 1919	Sched. of prices.
New Massett (Queen Charlotte Island).	Wharf approach and reconstruction of		Wm. Thos. Muse	April 14, 1919	12,333 45
Okanagan Centre	Public wharf	Construction of	Samuel Mills	Sept. 26, 1919	Sched. of prices.
Port Essington	Landing float and approach	"	Mark Hyatt	Nov. 5, 1919	" "
Powell River	Wharf	Construction of addition to	Fraser River Pile Driving Co., Ltd	Feb. 7, 1920	" "
Roberts Bay	Float and approach	Construction of	McDonald Watson & Wither	Sept. 3, 1919	" "
Saanichton	Wharf	Repairs to			
Sidney	"	"			
Ucluelet (Comox-Atlin Dist.)	"	"	W. H. Karn & W. Thornton	Mar. 26, 1920	" "
William Head (Quarantine Stn.)	"	"	Wm. Greenlees	June 18, 1919	" "
"	"	"	Robt. Monerieff	Mar. 25, 1920	" "
		Vessels, Dredges and Plant.			
Supply of eighteen pontoon discharge pipes for Dredge P.W.D. No. 5 *Northumberland*			The Sydney Foundry & Machine Works, Ltd.	May 2, 1919	4,998 00
Overhauling (docking, cleaning, painting and repairs) of Dredge P.W.D. No. 305 *King Edward*.			Wallace Shipyards, Ltd.	May 2, 1919	5,885 00
Supply of dipper arms for Dredges P.W.D. Nos. 110 and 116			M. Beatty & Sons, Ltd.	July 28, 1919	11,535 00
Repairs to Government SS. *Tyrian*			T. Hogan & Company	Oct. 30, 1919	19,890 00
Supply of eleven pontoon discharge pipes for Dredge P.W.D. No. 5 *Northumberland*			The Maritime Bridge Co., Ltd	Jan. 24, 1920	4,485 00
Overhauling and repairing of Dredge *Fruhling* P.W.D. No. 303			Wallace Shipyards, Limited	Feb. 17, 1920	$2,250.00 and unit prices.
Overhauling and repairing of Dredge *Ajax* P.W.D. No. 301			B. C. Marine, Limited	Mar. 6, 1920	$4,938.00 and unit prices.

STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what Purpose.	Area.	Price.
1919.						$ cts.
April 4	Interior Department	Public Works Dept.	Transfer of land known as "Public ground" at Gimli, Man.	Storage	1·14 acre	Free transfer.
" 7	Notice of Abandonment		Abandonment of land on east side of South-east passage, Halifax harbour, N.S. (Dartmouth.)		19·5 acres	
" 7	" "		Abandonment of land on east side of South-east passage, Halifax harbour, N.S. (Dartmouth).		3·50 acres	
" 9	The Watson Co. Ltd	His Majesty	Release of all claims for damages caused to building on south bank of Wabi river by raising level of water of lake Timiskaming and river.			$1,141.50 plus interest 5% from July 1, 1919.
" 12	His Majesty	Alp. Laflamme	License to operate ferry across Ottawa river, between Calumet and L'Orignal, Ont.	5 years from May 1, '17		$25.00 per an.
" 14	" "	The Canada Life Ass. Co.	Surrender of lease *re* room No. 24 in company's building, cor. Cornwall street and 11th ave., Regina, Sask.	From Mar. 15, 1919		1 00
" 15	Philippe Ayotte	His Majesty	Deed of servitude and abandonment of two pieces of land, tp. of Latulippe, Timiskaming, Que.	Lac des Quinze reservoir	67·25 acres	3,000 00
" 25	Mrs. M. H. Muir	His Majesty	Grant of easement through lot "C," Sec. 32, Map 718, Metchosin district, William Head Quarantine station, B.C.			250 00
" 26	Samuel Nesbitt	"	Release and discharge of and from all rent in connection with rental of post-office, Brighton, Ont.			1 00
May 2	Wm. Hickey Kelly	"	Sale of land, North Sydney, N.S.	Airship and seaplane stn.	14,000 sq. ft	450 00
" 2	Robt. W. Kelly	"	Sale of land, North Sydney, N.S.	Seaplane station	56,260 sq. ft	2,000 00
" 5	S. S. Alexander	"	Release of all claims for damage caused to property on west part of ½ of lot No. 5, township of Dyment, Ont.	Timiskaming reservoir dam.		75 00
" 5	Mrs. Ellen Conway (wife of J. S. Murphy).	"	Sale of part of lots Nos. 4, 5 and 6, Lauzon, Que.	Levis Dry dock	190,680 sq. ft	20,467 65
" 6	Notice of Abandonment		Abandonmen tof parcel of land lying in lot No. 17, Toronto (Rosedale), Ont.	Casualty clearing stat'n.	10·3 acres	
" 6	His Majesty	The Regina Trading Co. Ltd.	Sale of "Old post office" site. Regina Sask.			60,000 00
" 7	Loyal Orange Lodge No. C-97.	His Majesty	Certificate of judgment in favour of L.O.L. No. C-97, Ottawa, Ont.	Hunter building		8,546 30

STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what Purpose.	Area.	Price.
1919						$ cts.
May 13	Notice of Expropriation		Expropriation of land forming part of Fort William, Ont., Indian Reserve.	Enlargement of turning basin, Kaministiquia river.		
" 23	John Sutherland *et ux*	His Majesty	Sale of the east ½ of lot No. 11 on south side of Queen street, Ottawa, Ont.	Hunter building		58,738 23
" 29	Bridget Burns (widow)	"	Sale of west ½ of lot No. 11 on south side of Queen street, Ottawa, Ont.	" "		25,658 00
" 31	Florence May Pugsley	"	Grant of parcel of land being part of lot No. 24 in con. II, tp. of Oro, Simcoe, Ont.	Site for wharf		1 00
June 2	Certificate of ownership		Certificate of ownership *re* part of south ½ of lot No. 4, Con. 5, Tp. of Harris, Timiskaming district, Ont.	Timiskaming reservoir dam.	41·9 acres	426 00
" 2	His Majesty	Dominion Coal Co. Ltd.	Release from any and all obligations, etc., in connection with Agreement *re* Glace Bay Harbour works.	Glace Bay harbour		
" 6	Abraham Pratt (widower)	His Majesty	Sale of lots Nos. 12 and 13, south side of Albert street, Ottawa, Ont.	Hunter building		87,807 50
" 9	Alexander Caya, senior	"	Release in full settlement of all claims for damages to lots Nos. 42 and 43, Range 2, tp. of Fabre, Que.	Timiskaming reservoir dam.	5·88 acres	588 00
" 12	Janet Thomson	"	Release for all claims and demands—1st, *re* all that portion of southwest ¼ of sec. 5, 4th tp. and 15th range, Little Pembina river, Man., and 2nd—*re* that portion of northwest ¼ of sec. 32, 3rd tp. and 15th range, Little Pembina river, Man.	LittlePembina diversion into Lake Pelican, Man.	5·24 acres	367 80
				" "	2·135 acres	
			And that portion of southeast ¼ of sec 6, 4th Tp., and 15th range, Little Pembina river, Man.	" "	0·01 acre	
" 27	His Majesty	Corporation of city of Lethbridge.	Sale of "Old Land Office Building" site, also half of lane at rear of same, Lethbridge, Alta.	Home for G.W.V.Association.		5,000 00
" 28	Edouard Moreau	His Majesty	Release in full settlement for all claims for damages *re* lot No. 6, township of Latulippe, Que.	Dam and sluiceways on Quinze lake.	24 acres	250 00
" 28	Romuald and Ubald Gagne.	"	Release in full settlement for all claims for damages *re* lot No. 50, R. IV, township of Guigues, Que.	Timiskaming reservoir dam.	63·60 acres	63 60
July 2	Gillies Bros	"	Conveyance of land in township of Guigues, Timiskaming county, Que.	Quinze Lake dam	124 acres	4,500 00
			Conveyance of land in township of Baby, Timiskaming county, Que.	" "	185 "	

"	11	His Majesty	A. I. Ponsford, Ltd.	Adjustment made of contract *re* power-house building, London, Ont.			1,089 73
"	11	A. B. Coleman	"	Adjustment made of contract *re* Active Treatment wards, etc., military hospital, London, Ont.			105,811 50
"	12	"	Rhodes, Curry Co. Ltd.	Agreement *re* payment in full settlement of all claims for damages sustained by cancellation of contract for administration building and laundry stores building, etc., etc., Halifax (Camp Hill), N.S.			$5,720.50 and $3.57 per 1,000 ft. for material on site of works, etc., etc.
"	15	Quinlan & Robertson Ltd.	His Majesty	Bill of Sale *re* Tug steam screw "Ethel"			1 00
"	15	" " "	"	" " " "Gerald R."			1 00
"	15	" " "	"	" sailing ship "AngusRobertson"			1 00
"	15	" " "	"	" " "Hugh Quinlan"			1 00
"	15	" " "	"	" " "Michael J.Haney'	—		1 00
"	15	" " "	"	" " "D'Arcy Leamy"			1 00
"	15	" " "	"	" " "Q. & R. No. 1"			1 00
"	15	" " "	"	" " "Edward Q"			1 00
"	15	" " "	"	" " "William Q"			1 00
"	15	" " "	"	" " "Don R"			1 00
"	15	" " "	"	" " "Leo B."			1 00
"	15	" " "	"	" " "Frank Q"			1 00
"	15	" " "	"	" " "Nap L."			1 00
"	15	" " "	"	" " "Norah L."			1 00
"	15	" " "	"	" " "Annie Q."			1 00
"	15	" " "	"	" " "Edgar B."			1 00
"	15	" " "	"	" " "Tot Q."			1 00
"	15	" " "	"	" " "Jerry G."			1 00
"	15	" " "	"	" " "U. Marcotte"			1 00
"	15	" " "	"	" " "Katie Leamy"			1 00
"	15	" " "	"	" " "George R."			1 00
"	15	" " "	"	" " "Katherine K."			1 00
"	15	" " "	"	" " "Eugene L."			1 00
"	15	His Majesty	Napoleon Lalonde.	License to operate ferry across Ottawa river between L'Orignal and Calumet.	For 2 years, 11 months and 3 days from 28th May, 1919.		$25.00 per annum.
"	18	"	Lachance Ltd.	Sale of tug steam screw "Ethel No. 2"			17,500 00
"	18	"	"	" " "Gerald R."			5,500 00
"	23	"	Municipality of Entwistle.	Sale of old immigration hall, Entwistle, Alta			500 00
Aug.	4	Quinlan & Robertson	His Majesty	Bill of sale *re* scow "Quinlan & Robertson, Ltd."			21,250 96
"	4	" "	"	" " "Lois L."			7,204 00
"	14	Bate, McMahon Maritime Co. Ltd.	"	Release of rights and interest in *re* contract for Air Service station, North Sydney, N.S.	Air Service station		75,057 29
"	14	" " "	"	Release of rights and interest in *re* contract for Air Service station, Dartmouth, N.S.	" "		376,972 13
"	28	His Majesty	Quinlan & Robertson.	Sale of steam shovel and dump cars			6,800 00

STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what Purpose.	Area.	Price.
1919.						$ cts.
Sept. 17	La Mission Indienne de Long Point.	His Majesty	Release of all claims for damages caused to church building by flooding of Quinze Lake dam (at Long Point, Que.).	Quinze Lake dam		1,000 00
" 30	City of Saint John	"	Agreement *re* harbour improvements on west side of St. John, N.B., also *re* dredging of harbour and releasing the Department from any claims for damages caused to city wharves.			
Oct. 8	Albert Jacques	"	Sale of land being part of lot No. 267, Contrecoeur, Que.	Approach to wharf		1 00
" 14	Lee McDougall	"	Release for all claims *re* portion of NE. cor. of lots Nos. 22 20-21, west 2nd meridian, Craven dam (Last Mountain lake), Sask.	Craven dam		1 00
" 16	His Majesty	The Toronto Terminals Railway Co.	Permission to lay and maintain pipes to convey steam for heating Union station, including Postal Station "A," Toronto, Ont.	Union station, including Postal Station "A".		1 00
"	"	George Frauley.	Permission to build a fence along Government lot at St. George, N.B.	Advertising purposes		$1.00 per mon.
Oct.	Peter O'Handley *et ux*	His Majesty	Conveyance of land lying between northern boundary of Canadian Government Railway shore of St. Andrews channel, Little Bras d'Or Lakes, N.S.	Site for wharf	8,470 sq. ft	1 00
" 27	His Majesty	Prov. Govt. of British Columbia.	Permission to lay cable crossing North Arm of Fraser river to Sea Island, B.C.			
" 28	Northern Realty Co., Ltd.	His Majesty	Grant of parcels of land composed of lots Nos. 5, 8, 9, 12 and 14, on south side of Rosedale Heights Drive and part of lot No. 45, Toronto, Ont.	Casualty Clearing Station.		52,615 66
Nov. 14	Certificate of Title		Certificate of Title *re* land being lots Nos. 1 and 2, block 29, Kamloops, B.C.	Site for Post Office		15,000 00
" 21	Grant, Smith & Co. & McDonell Ltd.	His Majesty	Release for all claims, etc., in connection with contract for construction of wharves and for dredging in harbour of Victoria, B.C.			27,487 81
" 22	Samuel Gilbert	"	Release for all claims *re* damages caused to buildings on western shore of Lake Kipawa, Tp. of Gendreau, Que.	Kipawa Lake Dam		75 00
" 29	Notice of Expropriation		Expropriation of parcel of land forming part of lot No. 10, con. "D", township of Neebing Additional on Island No. 2, Fort William, Ont.	Improvements in Harbour of Fort William, Ont.	4,964 acres	

"	29	Henry Bourgeois	His Majesty	Release for all claims for damages caused to lots Nos. 47, 48 and 49, Range 2, Township of Fabre, Que.	Timiskaming Reservoir Dam.	4·92 acres	300 00
Dec.	2	W. Palmer Moffatt	"	Release for all claims for damages sustained in connection with Airplane station, North Sydney, N.S.			800 00
"	2	J. Webster Allen	"	" " "			
"	2	Mariner J. Ingraham	"	" " "			743 63
"	4	Wm. Haggerty & Dora Haggerty.	"	Release for all claims for damages sustained in connection with Seaplane station at North Sydney, N.S.			700 00
"	19	Daniel MacDonald *et ux*	"	Sale of land on east side of Southeast Passage, Halifax, N.S.	Airship and Kite balloon stn.	18·46 acres	5,000 00 with interest, 5 p.c. per annum.
"	22	Wm. Milne Percy *et ux*	"	Grant of land composed of lots Nos. 1, 2, 3, 4, 5, 6 and 7, fronting on southerly limit of Ridge Ave., Toronto, Ont.	Casualty Clearing Stn		8,407 00
"	23	His Majesty	Sydney Foundry and Machine Works, Ltd.	Bill of Sale *re* ship *P.W.D. No. 7*			19,126 60
"	27	Taylor and Horwood	His Majesty	Release of all claims *re* preparation of plans and specifications for alterations, etc., to Customs Examining Warehouse and Post-office, Hamilton, Ont.			8,400 00
"	30	J. Edgar Arpin	His Majesty	Release of all claims for damages caused to property by dredging performed in 1912, Lanoraie, Que.			20,000 00
	1920.						300 00
Jan.	12	W. W. Winter & Mortgagee	His Majesty	Release for all claims for damages caused in connection with expropriation of rights and easements, William Head Quarantine Stn., B.C.			65 00
"	14	Notice of Expropriation		Expropriation of certain portion of lot No. 24, 1st Con., Tp. of Westminster, London, Ont.	Psychopathic Hospital Site.	12·71 acres	
"	22	"		Expropriation of westerly portion of lot "A", Little Current, Ont.	Site for wharf		
"	24	His Majesty	Corporation of City of Toronto.	Special grant of certain parcel of land and premises being part of Block 2, Toronto, Ont.			Free grant.
"	27	The Melvin S. Clarke Co	His Majesty	Release for all claims for damages caused to property and premises cor. of George St. and Bedford Row, Halifax, N.S..			437 52
"	27	Pyke Motor & Yacht Co.	"	Bill of Sale *re* motor boat *Gwen*			1,550 00
Feb.	4	His Majesty	J. H. Beermans.	Sale of parcel of land being southwest part of lots Nos. 408A and 407A, Cap de la Madeleine, Que.	Private enterprise	8,236 sq. ft.	4,000 00
"	14	Notice of Expropriation		Expropriation of parcel of land and premises in Sect. 81, Dist. of Metchosin, B.C.	Wm. Head Quar. Stn.—water supply—pipe to station.	0·14 acre	
"	23	St. John Dry Dock and Shipbuilding Co., Ltd., and Montreal Trust Co.		Assignment of subsidy agreement *re* contract for construction of dry dock at Courtnay Bay, N.B.			

STATEMENT No. 2.—Properties purchased or sold by the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Conveyance.	Vendors.	Purchasers.	Description of Property.	For what purpose.	Area.	Price.
1920.						$ cts.
Feb. 26	Wm. Harthy	His Majesty	Release for all claims in connection with lands at Southeast Passage, Halifax, N.S.	Airplane Stn		350 00
Mar. 2	John W. Holland *et ux*	"	Sale of piece of land at Duncan's Cove, N.S.	Site for breakwater	2,350 sq. ft.	15 00
" 8	His Majesty	Georgian Bay Shipbuilding and Wrecking Co., Ltd.	Bill of Sale *re* Inspection Boat *Cingalee*			2,200 00
" 9	Chas. Holland *et ux*	His Majesty	Sale of piece of land at Duncan's Cove, N.S.	Site for breakwater	5,460 sq. ft.	75 00
Mar. 18	His Majesty	Buffalo and Fort Erie Steamship Company Limited.	License to operate ferry across Niagara River between Fort Erie and City of Buffalo, N.Y.		10 years from Feb. 1, 1920.	$50 per annum.
" 22	Adolph Barthel *et ux*	His Majesty	Grant of land being part of water lot in front of lot No. 35, 1st Con., Tp. Sandwich, Ont.	Improvements in Detroit River.		433 76
" 24	Samuel G. Rawding	His Majesty	Bill of Sale *re* gasolene motor boat *Sturdee* and engine.			1,500 00
" 30	His Majesty	Corporation of City of Ottawa	Agreement to pay Corporation in full satisfaction and discharge of all claims and demands on Government during 5 years.			75,000 00 per annum.

The following items were received too late for insertion in last year's Annual Report 1918-19.

1876.						
April 27	J. Campbell and McLagan and wife.	His Majesty	Sale of land and premises at Guelph, Ont.	Site for Pub. Bldg	4,934 sq. ft.	4,000 00
1912.						
Feb. 29	Certificate of Title		Certificate of Title *re* parcel of land No. 1, being portion of lot No. 450 and parcel No. 2, being portion of lot No. 309, New Westminster, B.C.	Powell River Breakwater.	1·46 acres	
July 17	W. A. Stuart	His Majesty	Sale of piece of land 60 ft. by 100 ft., Village of Napierville, Que.	Government purposes		1,000 00
1915.						
Dec. 22	Geo. Daly *et ux*	"	Sale of land at Head of Chezzetcook, N.S.		·03 acre	60 00
" 28	Leander J. Fulton	"	Sale of land at Little Bass River, N.S.	Right of way and piling ground.		200 00
1918.						
Oct. 4	Mrs. Is. Noel Belleau	"	Sale of land forming part of lot No. 4, Village of Lauzon, Que.	Levis Dry Dock	589,000 sq. ft. Eng. meas.	22,713 48

"	11.....	John Smith *et ux*.....	"	Sale of land *re* undivided ¼ interest in parcel of land, Kraut Point, N.S.	Approach to wharf.....	0·2 acres.....	20 00
Nov.	18.....	John Walker *et al*.....	"	Release *re* property adjacent to Fraser River, B.C., for damages caused by dredging performed in.	Fraser River Dredging.	.....	Free of cost.
	1919.						
Feb.	17.....	Dept. of Marine and Fisheries.	J. Coughlan & Sons.	License for occupation of certain water lot in bed of public harbour, Vancouver, B.C.	.....	.....	$1.00 per ann.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, April 1, 1919, to March 31, 1920.

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
1919.						$ cts.
April 1, 1919.	His Majesty	Gatineau Boom Co.	Lease of all that property at mouth of Gatineau River, Que., etc.	Private enterprise	21 years from April, 1, 1919.	$1 p. annum.
" 2, 1919.	McCallum Mill Building, Ltd.	His Majesty	Lease of rooms Nos. 901 to 908, incl. in "McCallum Hill & Co's. Office Building," Regina, Sask.	Invalided Soldiers' Commission.	1 year from March 1, 1919.	$3,960 p. ann.
" 3, 1919.	The Community of the Sisters of Charity of the Gen'l. Hosp.	"	Lease of building No. 23 Jeanne Mance st., Montreal, Que.	T.C. Laval and Armoury (M. & D.).	1 year from May 1, 1919.	$1,800 00
" 4, 1919.	The Ottawa Electric Co.	"	Lease of three ground floor offices in "Thistle Building", 26 Wellington st, Ottawa, Ont.	Trade and Commerce	1 year from Feb. 15, 1919.	$1,200 p. ann., (renewable)
" 4, 1919.	The Royal Trust Co. of Montreal, Agents of Dame Edith Marion Shorey.	"	Office on 2nd floor of building, No. 394 Victoria ave., Westmount, Que.	Branch office for Inland Revenue Dept.	1 year from May 1, 1919.	$240 p. annum.
" 4, 1919.	Ottawa Building Co., Ltd.	"	Lease of "Nagle Building" on south side of Wellington st., Ottawa, Ont.	Federal Government accomodation.	1 year from May 1, 1919.	$2,500 p. ann.
" 4, 1919.	T. B. and D. J. Riley	"	Lease of two offices on 1st floor of "Riley Building, Charlottetown, P.E.I.	Soldier Settlement Board.	1 year from 1st Mar., 1919.	$400 p. annum.
7, 1919.	Wm. A. Brunton	"	Lease of lot No. 21 and west ½ of lot No. 22 on west side of Prospect ave., Newmarket, Ont.	Nurses' Home for Invalided Soldiers' Com.	3 years from July 3, 1918.	$600 p. annum.
" 9, 1919.	The H. J. Daly Company,	"	Lease of entire "Daly Building," cor. Sussex and Rideau sts., Ottawa, Ont.	Federal Government Offices.	5 years from July 1, 1919.	$85,000 p. ann.
9, 1919	Montreal Trust Co.	"	Lease of 1762 sq. ft. on 2nd floor of "Hesslein Building, Halifax, N.S.	Registrar under Mil. Service Act.	From 1st May 1919 to Oct. 31, 1919.	$190.00 per m.
" 9, 1919.	Notre Dame Investment Co., Ltd	"	Lease of room No. 305 in "Notre Dame Investment Building, Winnipeg, Man.	Dental Clinic S.C.R.	2 years from Feb. 15, 1919	$600 p. annum.
" 9, 1919.	Notre Dame Investment Co., Ltd.	"	Lease of rooms Nos. 411 to 414 incl. in "Notre Dame Investment Building", Winnipeg, Ma	Vocational Br S.C.R n.	2 years from Feb. 15, 1919.	$360 p. annum.
" 11, 1919.	Dorchester Realties, Ltd.	"	Lease of 4,335 sq. ft. on 10th floor of "Shaughnessy Building," Montreal, Que.	Inspector of Taxation 2	1 year and 2 months from Mar. 1, 1919.	$3,684.75 p. annum.
" 11, 1919.	Dorchester Realties, Ltd.	"	Lease of 4,820 sq. ft. on 5th floor of "Shaughnessy Building," Montreal, Que.	Public Works Department and Marine and Fisheries.	2 years from May 1, 1919.	$8,389.55 per annum.
" 14, 1919.	Whitmore Bros., Limited.	"	Lease of 1st floor of building, Scarth st., Regina, Sask.	Soldier Settlement Bd.	1 year from April 1, 1919.	$1,800 p. ann.
" 15, 1919.	Saskatchewan Mortgage Trust Corporation Ltd.	"	Lease of 3,276 sq. ft. of ground floor and 3,276 sq. ft. of basement of building, Regina., Sask.	Barrack stores (M.&D.)	1year from Mar. 1, 1919.	$1,800 p. ann.

"	15,	1919..	Louis J. Breithaupt.....	"	..	Lease of room on 3rd floor of "Y.M.C.A." building, Kitchener, Ont.	Militia and Defence.....	1 year from Oct. 1, 1918.	$72 per ann.
	17,	1919..	L. K. Liggett Co., Ltd....	"	..	Lease of 1st floor of building, No. 127 King st. east, Hamilton, Ont.	Dental Clinic (M.&D)..	From month to month from date of occupation.	$100 p. month. (monthly tenancy).
"	19,	1919..	The Tribune Publishing Co., Ltd.	"	..	Lease of room 312 in building, cor. Smith st. and Graham ave., Winnipeg, Man.	Dept. of Labour.....	1 year from April 1, 1919.	$840 p. annum.
	19,	1919..	John Widdicombe.....	"	..	Lease of 2nd floor of building, No. 98 St. Paul st., St. Catharines, Ont.	S.C.R. Dept.....	year from April 19, 1919.	$300 p. annum
"	19,	1919..	Hugh McPherson.....	"	..	Lease of "Elmhurst property," Kingston, Ont.	S.C.R. Dept.....	1 year from Feb. 20, 1919.	$1,500 p. ann.
"	23,	1919..	Robt. L. Blackburn.....	"	..	Lease of 6th floor of "Plaza Building," cor. of Sussex and Rideau sts., Ottawa, Ont.	Secretary of State Dept.	From Mar. 15, 1919, to July 1st, 1920.	$3,731.76 p. an.
"	23,	1919..	Mrs. Mary Conroy.....	"	..	Lease of 4 rooms with use of vault in "Crown Bank Buildings," Kingston, Ont.	War Tax Office.....	1 year from June 1, 1918.	$300 p. annum.
"	26,	1919..	Nicholas E. Connor.....	"	..	Lease of room No. 10 in "Golden Lion Block," cor. of Wellington and Brock sts., Kingston, Ont.	Invalided Soldiers' Commission.	2 years from Oct. 1, 1918.	$35 p. month.
"	26,	1919..	Nicholas E. Connor.....	"	..	Lease of basement and ground floor of building, No. 112 Buck st., Kingston, Ont.	Soldier Civil Re-Est....	2 years from Nov. 1, 1918.	$300 p. annum.
"	26,	1919..	David John Nesbitt (sheriff).	"	..	Lease of building on lot No. 39, south side of Main st., Brighton, Ont.	Post Office.....	From Feb. 1st 1919 to Sept. 4, 1920.	$100 p. annum.
"	26,	1929..	Bryson Realty, Limited..	"	.	Lease of four floors above ground floor with 100 sq. ft. in basement of building, Queen. st., Ottawa, Ont.	Public Works Dept. and Interior Dept.	1 year from April 25, 1919.	$9,240 p. ann., (renewable)
"	28,	1919..	Quebec Rly., Light, Heat and Power Co., Ltd.	"	..	Lease of one large room on 5th floor of "Merger Building," Quebec, Que.	S.C.R. Dept.....	From Mar. 19, 1919 to April 30,1920.	$1,400 p. ann.
"	28,	1919..	Quebec Rly., Light, Heat and Power Co., Ltd.	"	..	Lease of Suite No. 408 in "Merger Building," Quebec, Que.	S.C.R. Dept.....	From date of occupation to April 30, 1920.	$540 p. annum.
"	28,	1919..	Thos. B. Riley and Daniel J. Riley.	"	..	Lease of one room on 1st floor of "Riley Building", Queen st., Charlottetown, P.E.I.	S. S. Board.....	From April 4, 1919 to March 1, 1920.	$300 p. ann.
"	30,	1919..	Imperial Canadian Trust Company.	"	..	Lease of rooms Nos. 401 and 402 in "Canada Building," Saskatoon, Sask.	S. S. Board	2 years from April 1, 1919.	$798 per ann.
"	30,	1919..	Edmund Wood Clark....	"	..	Lease of dwelling house and premises No. 12 on west side of Emmett st., Ottawa, Ont.	Militia and Defence.....	1 year from Apr. 30, 1919.	$50 per month.
May	1,	1919..	The Bank of Nova Scotia	"	..	Lease of messuage known as "Nos. 35 to 37, King st., west, Toronto. Ont.	Ass't. Rec. Gen'l. Staff.	From May 1, 1919.	$83.33 p. m., (monthly tenancy).
"	1,	1919..	R. L. Blackburn.....	"	..	Lease of 3rd floor of "Plaza Building," Ottawa, Ont.	S. C. Re-Est.....	From April 1, 1919, to May 1, 1920.	$3,650 p. ann.
"	1,	1919..	Estate of Samuel Simpson Sharpe (deceased).	"	..	Lease of ground floor and basement of "Central Building", Transcona, Man.	Post Office.....	2 years from May 1, 1918.	$720 p. annum, (renewable)

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, April 1, 1919, to March 31, 1920.—*Continued.*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
1919.						$ cts.
May 1, 1919..	The Slater & Sherwood Estate.	His Majesty....	Lease of three buildings on Wellington st., Ottawa, Ont.	Dom. Police Br. Justice Dept.	5 years from occupation.	$11,000 p. ann.
" 2 , 1919.	C. Jackson Booth.....	" ..	Lease of seven upper floors and, ground floor mezzanine, barber shop, etc., in "Transportation Building," Ottawa, Ont.	Board of PensionsCommsrs. of Canada.	5 years from date of occupation.	$45,600 p. ann.
" 2, 1919..	Sir Rodmond Palin Roblin	" ..	Lease of messuage and tenement No. 103, Osborne st., Winnipeg, Man.	Postal Stn. "C".....	2 years from Feb. 1, 1919.	$1,380 p. ann.
" 3, 1919..	Frank Jarman.....	" ..	Lease of 1st two flats and basement of premises Nos. 326 and 328, Queen st., Ottawa, Ont.	Trade and Commerce...	1 year and 1 month from April 1, 1919.	$130 p. month.
" 3, 1919..	The Eastern Trust Co.....	" ..	Lease of 1,615 sq. ft. on 1st floor of building, No. 184 Hollis st., Halifax, N.S.	Inspector of Taxation....	3 years from May 1, 1919.	$1,620 p. ann.
" 5, 1919..	The Royal Bank of Can..	" ..	Lease of rooms Nos. 109 to 115, incl. on 1st floor and rooms Nos. 209 to 213, incl. on 2nd floor of Bank Building, London, Ont.	Medical treatment for returned soldiers.	1 year from Apr. 3, 1919.	$4,671 p. ann.
" 6, 1919..	M. Anna Brock, M. Brock, Wm. L. H. Brock and R. A. Brock.	" ..	Lease of four story building and basement of same No. 276 King st., west, Toronto, Ont.	Examining warehouse..	2 years from Mar. 15, 1919.	$11,000 p. ann. (renewable.)
" 9, 1919..	His Majesty.....	J. Adoni Carignan.	Lease of building, No. 106 Public st., Grand Mere, Que.	Private enterprise.....	From April 1, 1919.	$15 p. month, (mon.tenancy)
" 10, 1919..	Wm. James Boyd.....	His Majesty....	Lease of part of 2nd floor of "Boyd Building," Winnipeg, Man.	Railway Commission...	1 year from June 1, 1919.	$1,380 p. ann.
" 12, 1919..	The Ignition Repairing and Supply Co., Ltd.	"	Lease of warehouse floor above brick garage No. 475 Spadina ave., Toronto, Ont.	Voc. Br. S.C.R.....	1 year from Feb. 7, 1919.	$480 p. ann., (renewable)
" 12, 1919..	Sun Life Assurance Co. of Canada.	"	Lease of part of ground floor of "Sun Life Building", Sherbrooke, Ont.	S. S. Board.....	1 year from May 1, 1919.	$900 per ann., (renewable)
" 12, 1919..	Wm. Claude Fox.....	"	Lease of office space on 3rd, 4th, 6th and 7th floors with two extra vaults in Board of Trade Building, Toronto, Ont.	Temporary Customs House.	2 years from April 1, 1919.	$14,246.50 per annum, (renewable)
" 13, 1919..	Montague Aldous.....	"	Lease of 2,330 sq. ft. of basement in "Aldous Block", Princess st., Winnipeg, Man.	Ordnance storage, M. and D.	1 year from Nov 12, 1918.	$1,044 p. ann.
" 13, 1919..	John Might Stratton.....	"	Lease of 7 offices on 1st floor of building, cor. Lyon and Sparks st., Ottawa, Ont.	War Savings Comm.....	From May 1, 1919 to Nov. 1, 1919.	$75.40 p. mth.
" 14, 1919..	Allen Mfg. Co., Ltd.....	"	Lease of 4th floor, front and back sections and part of basement of "Allen Building," Toronto, Ont.	Voc. Br. S.C.R.....	2 years from date of occupation.	$6,594 p. ann. (renewable).
" 16, 1919..	Daniel V. Doyle.....	"	Lease of two stores Nos. 27 and 29, Campbell st., Belleville, Ont...	Insp. of Taxation.....	3 years from June 1, 1919.	$800 per ann. (renewable)

May	16, 1919..	L'Auditorium de Quebec, Ltée.	"	.... Lease of 3rd floor in "Auditorium Annex," Quebec, Que.	Dom. Police and Registry Br.	From month to month, from June 1, 1919.	$1,700 p. ann.
"	16, 1919..	The Independent Order of Foresters.	"	.... Lease of room No. 12 and Assembly Hall on 6th floor of "Temple Building," Toronto, Ont.	Ontario Registrar.....	1 year from June 1, 1919.	$3,648 per ann.
"	16, 1919..	Jessie Gerson Miller.....	"	.... Lease of double building on lots Nos. 16 and 17, block 1, Ceepear, Ogden, Calgary, Alta.	S.C.R. (Voc. Br.).....	1 year from Apr. 1, 1919.	$150 per ann.
"	19, 1919..	The Western Provinces Mortgage Co. Ltd. and W. J. Budd.	"	.... Lease of furnished residence and garage No. 712, 12th ave., Calgary, Alta.	Nursing sisters Home District No. 13, (M. and D.)	1 year from date of occupation.	$135 per mth.
"	20, 1919..	Adolphe Louis Caron.....	"	.... Lease of store on ground floor of building Nos. 1124 and 1126 Laurier ave. west, Outremont. Que.	Postal Station.....	3 years from date of occupation.	$175 p. month.
"	26, 1919..	Thomas C. Rice.....	"	.... Lease of building on west side of Main Road and on south side of Bridge, Weymouth, N.S.	Post Office.....	1 year from June 1, 1919.	$200 p. annum.
"	28, 1919..	McCallum Hill Building Limited.	"	.... Lease of room No. 1005 in building on lots Nos. 21, 22 and 23, block 307, Regina, Sask.	S. C. Re-Est.....	1 year from April 10, 1919.	$480 p. annum.
"	29, 1919..	George G. Cox.....	"	.... Lease of store on ground floor of "Pentagon Building," Halifax, N.S.	Dept. of Labour.....	1 year from May 1, 1919.	$900 p. ann.
"	29, 1919..	Wm. Alfred Baner.....	"	.... Lease of rooms Nos. 509 to 512, incl. and 3 vaults on 5th floor of "Pacific Building," Vancouver, B.C.	Geological Survey Br...	1 year from June 25, 1919.	$65 per month, from beginning of term to Sept. 25, 1919 and $85 per month, after that date.
"	30, 1919..	F. J. Proctor, F. R. S. Balfour, J. A. Innes and Thomas Butter	"	.... Lease of ground floor, cor. store of building at cor. of Namay st. and 102nd ave., Edmonton, Alta.	S.C. Re-Est. Dept.....	2 years from Feb. 15, 1919.	$600 per ann.
June	1, 1919..	His Majesty.....	Dan McDonald	Lease of land, east side of Southeast Passage, Halifax Harbour, N.S.	Private enterprise.....	1 year from June 1, 1919.	$385 p. annum
"	1, 1919..	Fred. J. White.....	His Majesty....	Lease of 500 sq. ft. of building No. 100 Queen st., Moncton, N.B.	S.C. Re-Est.....	1 year from Jan. 1, 1919.	$25 p. month.
"	1, 1919..	Isaie Pilon.....	"	.... Lease of frame building, No. 101 Main st., Ste. Anne de Bellevue, Que.	Mil. Police (M. and D.)	6 months from date of occupation.	$25 p. month.
"	2, 1919..	Fred. W. Carling.....	"	„ .. Lease of "Imperial Garage" on south east cor. of Sparks and Kent sts., Ottawa, Ont.	Historical Record Comm Branch (M. & D.)	From date of occupation to May 1, 1922..	$445 p. annum.
"	2, 1919..	Thornton and Douglas Ltd	"	.... Lease of four rooms on 3rd floor of "Thornton & Douglas Building," Stratford, Ont...	S. C. Re-Est-.....	2 years from date of occupation.	$360 p. ann.
"	2, 1919..	Whitmore Bros., Ltd.....	"	.... Lease of brick building, cor. of 12th ave. and Hamilton st., Regina, Sask.....	Hed. Quarters for No. 12 Mil- District.	1 year from June 1, 1919.	$4,200 p. ann. (renewable.
"	2, 1919..	Belgo-Canadian Realty Co. Ltd.	"	.... Lease of 2nd floor of modern building, north-east cor. of Greene ave. and St. Catherines st., Westmount, Que.	58th Westmount Rifles..	1 year from May 1, 1919.	$1,500 p. ann.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
June 3, 1919..	His Majesty.....	Corporation of town. of New Liskeard.	Lease of parcel of land composed of portion of block "C", subdivision of lot No. 8, R. L., tp. of Dymend, Ont.	.....	During pleasure.	$1 per annum.
" 4, 1919..	J. Maguire Guerin.....	His Majesty....	Lease of store No. 186 Windsor st., Montreal, Que.	S.C. Re-Est.....	1 year from date of occupation.	$2,300 p. ann.
" 6, 1919..	A. B. Cotton, A. Scott Innes, executors for A. G. H. Potts estate represented by Heisterman, Forman and Company.	"	Lease of 3,200 sq. ft. on ground floor and 530 sq. ft. on mezzanine floor of building No. 719 Courtney st., Victoria, B.C	Medical stores (M. & D.	1 year from Oct. 1,1918 and from month to month thereafter.	$480 per ann.
" 9, 1919..	Royal Trust Co., in trust for the Calgary Brewing and Malting Co. Ltd.	" .... "	Lease of "Ogden Hotel Property", Calgary, Alta.	Mil.-Convalescent Hosp.	From month to month from Jan. 1, 1919 to Jan. 1, 1920.	$10,000 per. annum.
" 10, 1919..	Geo. A. Cox.....	"	Lease of 76 sq. ft. of "Simpson Building" of "Pentagon Building," Halifax, N.S.	Dept. of Labour.....	1 year from May 1, 1919.	$120 p. ann.
" 10, 1919..	Dorchester Realties Ltd..	"	Lease of offices on 3rd floor of "Shaughnessy Building, cor. of McGill and St. Paul sts., Montreal, Que.	Dom. Police (Justice Dept.)	From month to month, from July 1, 1919.	$125 p. month, (monthly tenancy).
" 11, 1919	Enderton Investment Co., Ltd.	"	Lease of 4,900 sq. ft. on 2nd floor of "Enderton Building," Winnipeg, Man.	S. S. Board..	2 years from date of occupation.	$3,600 p. ann.
" 15, 1919..	John H. Harris.....	"	Lease of 776 sq. ft. on ground floor of three story stone building, No. 565 Main st., Moncton, N.B.	Dept. of Labour.....	1 year from date of occuation.	$720 p. annum.
" 15, 1919..	Wm. James Southam.....	"	Lease of top or 6th floor of "Southam Building," Calgary, Alta.	S. S. Board.....	2 years from date of occupation.	$7,200 p. ann.
" 16, 1919..	C. W. Lindsay, Limited...	"	Lease of five rooms on 3rd floor of "Lindsay Building," Nos.201-203 St.John st., Quebec, Que.	S. S. Board.....	1 year from date of occupation.	$50 p. month.
" 18, 1919..	C. Jackson Booth and J. A. D. Holbrook.....	"	Lease of 5th, 6th and 7th floors and parts of 4th floof of "Booth Building," Ottawa, Ont.	Indian Affairs and War Purchasing Commission.	5 years from Nov. 1, 1918.	$20,970 p. ann.
" 18, 1919..	F. Dougall.....	"	Lease of garage accommodation, No. 1111 Mears st., Victoria, B.C.	S. C. Re-Est.....	From month to month from May 19, 1919.	$25 p. month, (monthly tenancy.)
" .. 1919..	The Royal Bank of Canada.	"	Lease of office on 1st floor of Royal Bank Building, Charlottetown, P.E.I.	Publicity Agent, Immg. Branch, Int. Dept.	1 year from Oct. 9, 1919.	$200 p. annum.

"	20, 1919..	Sir H. N. Bate Realty Corporation Ltd.	"	....	Lease of apartment No. 401 in "Aylmer Apartment," Slater st., Ottawa, Ont.	Min. of Overseas and staff.	4 months from May 1, 1919.	$100 p. month. (monthly tenancy).
"	23, 1919..	Wm. M. Birks, Jno. H. Birks and G. W. Birks.	"	....	Lease of rooms Nos. 301 to 307, in New Birks' Building, Phillips Square, Montreal, Que.	Railways and Canals...	1 year from May 1, 1919.	$2,250 p. ann. (renewable)
"	23, 1919..	Northern Electric Co., Ltd.	"	....	Lease of factory building and yard northeast cor. of Guy and St. James sts., Montreal, Que.	Barracks.....	3 months from June 1, 1919.	$1,250 p. mth.
"	23, 1919..	Mrs. Annie Bothwell.....	"	....	Lease of three story brick building, No. 76 Dunlop st., Barrie, Ont.	Dental Clinic (M. & D.)	6 months from May 6, 1919 and thereafter from month to month.	$20 p. month.
"	24, 1919..	Bank of Montreal.....	"	....	Lease of 1081 sq. ft. on gr. floor and 115 sq. ft. of basement in Bank building, Verdun, Que.	Postal Station.....	2 years from date of occupation.	$1,350 p. ann. (renewable)
"	26, 1919..	Frank C. Patten.....	"	....	Lease of rear rooms on ground floor of two story wooden building, cor Water st. and International Bridge, St. Stephen, N.B...	Immg.-Inspector.....	3 years from date of occupation.	$300 p. ann.
"	26, 1919..	Beemish & Smith.....	"	....	Lease of three rooms on 2nd floor of "Beemish & Smith" block, North Bay, Ont.	Dental Clinic (M. & D.)	6 months from June 15, 1919.	$15 p. month, (renewable)
"	26, 1919..	R. T. Elliott, H. A. Mac Lean, H. H. Shandley, H. M. Fullerton and T. S. McPherson.	"	....	Lease of 6th floor and rooms Nos. 501-502 with rooms Nos. 508 to 514 in "Central Building," Victoria, B.C.	S.C.R. Dept.....	From May 18, 1919 to April 18, 1921	$300 p. month.
"	27, 1919..	Quebec Railway, Light, Heat and Power Co. Ltd	"	....	Lease of 234 sq. ft. etc., on 5th floor of "Merger Building," Quebec, Que.	S.C.R. Dept.....	From date of occupation to April 30, 1920.	$270 p. month.
"	28, 1919..	His Majesty.....	Fanny A. Hawkesworth.	....	Lease of parcel of land composed of part of block "C," New Liskeard, Ont.	Private enterprise.....	During pleasure.	$55 per annum.
"	28, 1919..	Furness, Withy & Co., Ltd	His Majesty....	....	Lease of three offices in building No. 75 Upper Water st., Halifax, N.S.	Steamship Insp.....	1 year from Aug. 1, 1919.	$450 p. annum.
"	30, 1919..	Wm. McWilliams Inc....	"	....	1123 sq. ft. on ground floor of southerly ½ of building, corner D'Auteuil and Elgin sts., Quebec.	Supt. of Dom. Arsenal..	1 year from Sept. 1, 1919.	$600 p. annum.
"	30, 1919..	The Bank of Nova Scotia	"	....	Lease of ground floor of "Glenora Hotel", Nos. 121-123 Rideau st., Ottawa, Ont.	S.C.R. Dept.....	1 year from date of occupation.	$2,800 p. ann., (renewable)
"	30, 1919..	Dr. A. C. Harling.....	"	....	Lease of offices in building, Yarmouth, N.S..	Dental Clinic (M.& D.)	From month to month from date of occupation.	$20 p. month (monthly tenancy).
"	30, 1919..	Dominion Life Assurance Co.	"	....	Lease of 1,800 sq. ft. on 5th floor of "Weston Chambers", Regina, Sask.	S.C.R. Dept.....	1 year from May 1, 1919.	$2,100 p. ann.
July	1, 1919..	The Bank of Nova Scotia.	"	....	Lease of office No. 31 in building, s.w. cor. of St. Paul and St. James sts., St. Catharines, Ont.	Insp. of Taxation.....	1 year from July 1, 1919.	$300 p. annum. (renewable)
"	1, 1919..	Kenneth A. McLeod.....	"	....	Lease of rooms Nos. 314 to 319, incl on 3rd floor of "McLeod Block", Edmonton, Alta.	S.C.R. Dept.....	1 year from date of occupation.	$2,220 p. ann.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
July 5, 1919..	Dr. Maxwell Lanterman...	His Majesty....	Lease of rooms Nos. 309 to 317 in building, University st., Montreal, Que.	Garage (M. & D.).....	1 year from May 1, 1919.	$500 p. month.
" 5, 1919..	Queens University.....	"	Lease of "Old Collegiate Building," cor. Clergy and Barrie sts., Kingston, Ont.	M. and D.....	5 years from May 2, 1919.	$1,000 p. ann., (renewable)
" 7, 1919..	Grand Trunk Railway of of Canada.	"	Lease of certain portion of station building, Brockville, Ont.	Post Office Dept.....	5 years from April 1, 1919.	$24 p. annum.
" 8, 1919..	Georgina Alice Phillips ..	"	Lease of two adjoining rooms on 2nd floor of "Coronation Building," Montreal, Que.	S.C.R. Dept.....	From June 1, 1919 to 6 mos. after end of war.	$35 p. month.
" 8, 1919..	Sir H. N. Bate, Realty Corporation, Ltd.	"	Lease of Apartment No. 7 in "Aylmer Annex" Ottawa, Ont.	Personal services.....	From month to month from Sept. 1, 1919.	$35 p. month, (monthly tenancy.)
" 9, 1919..	Grand Trunk Railway of Canada.	"	Lease of certain portion of station building, London, Ont.	Post Office Dept.....	5 years from April 1, 1919.	$80 p. annum.
" 9, 1919..	Harry Gummer.....	"	Lease of 788 sq. ft. on ground floor and 936 sq. ft. on 1st floor of "Herald Building," Quebec, Que.	S.C.R. Dept.....	2 years from date of occupation.	$1,200 p. ann., (renewable).
" 11, 1919..	J. L. Nichols Co., Ltd.....	"	Lease of two story brick residence and one.	S.C.R. Dept.....	1 year from June 1, 1919.	$1,896 p. ann.
		"	story frame garage, No. 184 Spadina ave., Toronto, Ont.			
" 14, 1919..	Prince Albert Opera House Co. Ltd.	"	Lease of 1,675 sq. ft. of 1st floor of "Empress Theatre Building," Prince Albert, Sask.	S.S. Board.....	1 year from April 21, 1919.	$600 per ann.
" 14, 1919..	The Knights of Columbus Council 1428.	"	Lease of "Victoria Hall" Peter st., Orillia, Ont.	Voc. Branch, S.C.R. Dept.	1 year from May 16, 1919.	$660 p. annum. (renewable)
" 15, 1919..	Mrs. J. B. Chevrier.....	"	Lease of premises No. 105 Murray st., Ottawa, Ont.	Storage (Printing Bureau).	From July 14, 1919 to Aug. 29, 1921.	$2,390 p. ann.
" 16, 1919..	Wm. Alfred Baner.....	"	Lease of room No. 508 in Pacific Building, Vancouver, B.C.	Dept. of Mines.....	6 months, from July 1, 1919.	$22.50 p. mth.
" 16, 1919..	Estate of late Edgar McDougall (represented by Royal Trust Co.)	"	Lease of property No. 786 Dorchester st. west, Montreal, Que.	S. C. R. Dept.....	1 year from May 1, 1919.	$3,000 p. ann.
" 17, 1919..	C. V. Edmunds.....	"	Lease of 480 sq. ft. on 2nd floor of two story brick building, Simcoe st., south, Ottawa, Ont.	Voc. Pr. S.C.R. Dept...	1 year from date of occupation	$300 p. annum, (renewable)
" 18, 1919..	The Dominion Bank.....	"	Lease of 3rd floor (except two rooms) of building, corner of 1st Street east and 8th ave., Calgary, Alta.	Forestry Branch, Int. Dept.	2 years from Apr. 1, 1919.	$2,400 per annum.

"	19,	1919..	Alice M. Rogers and Helen M. Brown.	"	....	Lease of store on ground floor of premises No. 192 Ontario st., Kingston, Ont.	Immg. Office.....	1 year from May 31, 1919.	$180 per ann.
"	19,	1919..	J. M. Weeks.....	"	....	Lease of office on 1st floor of building, No. 54 Argyle st., Halifax, N.S.	Archives Office.....	From month to month from May 1, 1919.	$20 per month (monthly tenancy).
"	21,	1919..	Wm. Frank Higgins.....	"	....	Lease of 827 sq. ft. of lot east and adjoining "Royal Alexandra Theatre," Toronto, Ont.	S.C. Re-Est. Dept.....	1 year from date of occupation.	$18 per month (renewable).
"	21,	1919..	Henry J. Borbridge.....	"	....	Lease of 1st and 2nd floors of "Union Overall Building," corner of McDermott and Lydia sts., Winnipeg, Man.	S.C. Re-Est. Dept.....	1 year from date of occupation.	$4,800 per ann. (renewable).
"	22,	1919..	Eusebe Beaudoin.....	"	....	Lease of three rooms in lower part of three-story building No. 180 Notre Dame st., Lachine, Que.	S.C. Re-Est. Dept.....	1 year from date of occupation.	$210 per ann. (renewable).
"	22,	1919..	Le Comptoir Mobilier Franco-Canadien.	"	....	Lease of "Old Herald Building" Nos. 117 and 119, Craig st., Montreal, Que.	Post Office Dept.....	2 years from Nov. 23, 1919.	$8,000 per ann.
"	22,	1919.	Leslie Hamilton Gault....	"	....	Lease of "Brachead Property" No. 148 McTavish st., Montreal, Que.	Hosp. for incurable returned soldiers.	2 years from date of occupation.	$5,220 per an.
"	22,	1919..	Shedden Forwarding Co., Ltd.	"	....	Lease of two-story building north side of Front st. west, Toronto, Ont.	Militia and Defence.....	From month to month, from July 22, 1919.	$30 per month.
"	23,	1919..	Brant Amusement Limited	"	....	Lease of part of brick building cor. King and Dalhousie sts., Brantford, Ont.	Voc. Br. S.C.R.....	1 year from date of occupation.	$1,400 per ann. (renewable).
"	23,	1919..	Commercial Exchange Building.	"	....	Lease of room No. 515 in "Whalen Block," Port Arthur, Ont.	S.C.R. Dept.....	6 months from May 15, 1919.	$30 per month (monthly tenancy).
"	24,	1919..	Georgina Alice Philips....	"	....	Lease of room No. 211 in "Coronation Building," No. 121 Bishop st., Montreal, Que.	Asst. Dir. Dental Service.	From July 1, 1919 to 6 mos. after war.	$35 per month.
"	28,	1919..	Ralph Emerson Stone.....	"	....	Lease of three rooms in building on Queen st., Sault Ste. Marie, Ont.	Dental Clinic (M. & D.)	6 months from June 15, 1919.	$20 per month (renewable).
"	29,	1919.	Beemish & Smith.....	"	....	Lease of three rooms on 2nd floor of "Beemish & Smith Block," North Bay, Ont.	Dental Clinic (M. & D.)	From June 15, 1919 to Dec. 15, 1919.	$15 per month (renewable).
"	29,	1919..	Enderton Investment Co., Ltd.	"	....	Lease of 193 sq. ft. on 2nd floor of "Enderton Building," Portage ave., Winnipeg, Man.	S.C.R. Dept.....	From May 15, 1919 to April 30, 1921.	$180 per ann.
Aug.	1,	1919..	R. D. Fairbairn Co., Ltd.	"	....	Lease of part of 3rd floor in brick building, south-east cor. of Simcoe and Pearl sts., Toronto, Ont.	S.C.R. Dept.....	From date of occupation to Mar. 31, 1923.	$1,500 per ann.
"	1,	1919..	Canadian Pacific Railway Co.	"	....	Lease of space in railway depot, Vancouver, B.C.	Postal Station "A".....	5 years from Aug. 1, 1919.	$3,079.28 per annum.
"	1,	1919..	Mrs. L. G. Farr.....	"	....	Lease of three rooms on 2nd floor of "Haileybury Block," Haileybury, Ont.	Dental Clinic (M. & D.)	From month to month from Aug. 1, 1919.	$20 per mont'i (monthly tenancy).
"	1,	1919..	His Majesty.....	The Amherst Telephone Co.		Lease of Government Telephone Line, Amherst Island, N.S.	.....	21 years from Aug 1., 1919.	$1 per annum.
"	5,	1919..	Alexander Mullin.....	His Majesty....		Lease of ground floor and basement of premises sw. cor. of Bloor & Markham sts, Toronto, Ont.	Postal Station "E".....	1 year from Aug. 1, 1919.	$1,440 per ann.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Aug. 7, 1919.	Joseph Huggard.....	His Majesty ..	Lease of three-story brick residence No. 699 Spadina ave., Toronto, Ont.	S.C. Re-Est. Dept.....	2 years from July 1, 1919.	$900 per ann. (renewable).
" 8, 1919.	Caleb Lain.....	" ..	Lease of 1,000 sq. ft. in building No. 849 Queen st. east, Sault Ste. Marie, Ont.	Militia and Defence.....	1 year from April 8 1919.,	$40 per month (renewable).
" 9, 1919.	Allen Mfg. Co., Ltd.....	" ..	Lease of 1,300 sq. ft. of passageway on 3rd floor of "Allen Building," cor. Simcoe and Pearl sts., Toronto, Ont.	S.C. Re-Est. Dept.....	From date of occupation to Dec. 1, 1923.	$500 per ann.
" 11, 1919.	The Molsons Bank.....	" ..	Lease of office on 2nd floor of "Molsons Bank Building," Vancouver, B.C.	Insp. of Taxation.....	From month to month from April 1, 1919.	$100 per m., (monthly tenancy).
" 12, 1919.	The Merchants Bank of Canada.	" ...	Lease of building cor. Prince William and Church sts., St. John, N.B.	S.C. Re-Est. Dept.....	11 months from June 1, 1919.	$900 per ann. (renewable).
" 12, 1919.	Island Land Co., Ltd..	" ..	Lease of rooms Nos. 304 to 307 incl. in Drum-" mond Building," No. 511 St. Catherine st. west, Montreal, Que.	S.S. Board..... ...	From date of occupation to May 1, 1921.	$2,731.25 per annum.
" 12, 1919.	Island Land Co., Ltd..	" .	Lease of rooms Nos. 100 to 105 incl. and 108 to 123 inclusive on 1st floor of "Drummond Building," Montreal, Que.	S.S. Board.....	From date of occupation to May 1, 1921.	$10,917 per an.
" 12, 1919	Murray Sons Ltd.....	" ..	Lease of rooms Nos. 300 to 310 inclusive in "White Office Building" or "Clyde Block," Hamilton, Ont.	Voc. Branch Invalided Soldiers Commission.	1 year from Aug. 1, 1919.	$213 per m.
" 13, 1919.	G.W.V. Association.....	" ..	Lease of 150 sq. ft. in "Napanee Building," Fernie, B.C.	Information Br.S.C.R..	From month to month from June 2, 1919.	$10 per month (monthly tenancy).
" 15, 1919.	McPherson & Fullerton....	" ...	Lease of room No. 517 on 5th floor of "Central Building," Victoria, B.C.	Industrial Training Inspector.	From month to month from Aug. 15, 1919.	$20 per month (monthly tenancy).
" 15, 1919.	The Soo Dredging & Cons. Co., Ltd.	" ...	Agreement to furnish floating plant, etc., for cleaning of waterway in front of city of Sault Ste. Marie, Ont.	.....	.....	$125 per day including towing on and off the works.
" 16, 1919.	Wm. B. Burgoyne.....	" ..	Lease of 2nd floor rear section of building No. 17–21 Queen st., St. Catharines, Ont.	Voc. Branch, S.C. Re-Est.	1 year from date of occupation.	$1,200 per ann. (renewable).
" 18, 1919.	Dominion Bank.....	" ..	Lease of one large office, 4 private offices and one vault on 2nd floor of "Dominion Building," Moosejaw, Sask.	Insp. of Taxation.....	2 years from Aug. 18, 1919.	$1,200 per ann.
" 18, 1919.	Pemberton & Son.....	" ...	Lease of room No. 311 in "Pemberton Block," Victoria, B.C.	S.S. Board.....	From month to month from July 15, 1919.	$25 per month (monthly tenancy).

"	19, 1919..	Arch. Galbraith.....	"	....	Lease of 2,640 sq. ft. in building on south half of lot 8, block 49, Haileybury, Ont., and 738 sq. ft. in same building.	Dom. Lands Office, Int. Dept. " "	From Nov. 17, 1919 to Nov. 17, 1920. From Aug. 1, 1919 to Nov. 17, 1920.	$120 per m., $40 per month.
"	23, 1919	Miles Williams Estate.....	"	....	Lease of house No. 451, Sherbrooke st. west, Montreal, Que.	Nurses' Home, S.C.R...	2 years and 3 months from Aug. 1, 1919.	$2,000 per ann. (renewable).
"	26, 1919..	Maryland Investment Co., Ltd.	"	....	Lease of Fort Garry Horse Armoury, No. 26 Maryland st., Winnipeg, Man.	Voc. Br. S.C. Re-Est...	2 years from Mar. 10, 1919.	$350 per m.
"	26, 1919..	The Board of Governors Bishop Pinkham College	"	....	Lease of "Troperty Block 2," Calgary, Alta.	Mil. Hosp. by Inv. S. Comm.	3 years from Dec. 9, 1919.	$3,000 per ann. (renewable).
"	26, 1919..	Enderton Investment Co., Ltd.	"	....	Lease of rooms Nos. 211 and 213 on 2nd floor of "Enderton Building," Winnipeg, Man.	S.S. Board.....	1 year from Aug. 1, 1919.	$660 per ann.
"	28, 1919..	H. T. Warne.....	"	....	Lease of two rooms on 2nd floor of building, Digby, N.S.	Insp. of Fisheries, Naval Service Dept.	1 year from Nov. 1, 1919.	$120 per ann.
"	", 1919..	Cossit & Lloyd.....	"	....	Lease of office on ground floor of building No. 235 Barnard ave., Vernon, B.C.	Govt. purposes.....	Monthly tenancy.	$17.50 per m.
Sept.	1, 1919..	F. S. Collacott.....	"	....	Lease of one large and two small offices and vault accommodation on 2nd floor of building, Broadway, Yorkton, Sask.	Insp. of Taxation.....	1 year from date of occupation.	$720 per ann.
"	1, 1919..	J. D. Creaghan Co., Ltd..	"	....	Lease of 900 sq. ft. on 2nd floor of "Creaghan Block," Moncton, N.B.	Labour Dept.....	2 years from Sept. 1, 1919.	$480 per ann. (renewable).
"	2, 1919..	Alexander McDonald.....	"	....	Lease of three rooms in brick building cor. Ward and Baker sts., Nelson, B.C.	S.S. Board.....	1 year from July 1, 1919.	$38 per month.
"	3, 1919..	The Grand Trunk Railway Co. of Canada.	"	....	Lease of certain portion of station building, Hamilton, Ont.	Storing, etc. for Post Office Dept.	5 years from Sept. 1, 1919.	$80 per annum.
"	6, 1919..	The Royal Trust Co., Limited.	"	....	Lease of "Ammunition Factory," cor. of Esplanade ave. and Lannes st., Mile End (Montreal), Que.	Soldiers' Civil Re-Est. Dept.	2 years from Sept. 6, 1919.	$20,000 per an. (renewable).
"	8, 1919..	Dr. Thomas Henry Blow.	"	....	Lease of 5,974 sq. ft. on ground floor and 6,715 sq. ft. on 1st and 2nd floors and 900 sq. ft. of ground floor with portion of basement in building, Calgary, Alta.	Dom. Lands Office.....	2 years from Sept. 1, 1919.	$11,235.65 per annum.
"	8, 1919..	The Post Publishing Co., Ltd.	"	....	Lease of rooms 4a and 3 in "Post Building," Dorchester st., Sydney, N.S.	Insp. of Fisheries.....	1 year from Oct. 1, 1919.	$360 per ann.
"	9, 1919.	Fredrick Stafford.....	"	....	Lease of two rooms on 2nd floor of "Stafford Block," cor. of Durham and Larch sts., Sudbury, Ont.	Dental Clinic (M. & D.)	6 months from July 1, 1919.	$25 per month.
"	9, 1919.	Wilson Bros.....	"	....	Lease of 2,750 sq. ft. on ground floor and 1,200 sq. ft. in basement of building, nw. cor. of 3rd ave. and 22nd st., Saskatoon, Sask.	Dom. Lands Office.....	1 year from Oct. 1, 1919.	$200 per m.
"	10, 1919	Francis Lovett Carter Cotton.	"	....	Lease of ground floor of "Old News Advertiser Building," cor. Pender and Hamilton sts., Vancouver, B.C.	Dept. of S.C.R.....	2 years from Aug. 1, 1919.	$300 per m. (renewable).

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Sept. 12, 1919.	Dorchester Realties Ltd..	His Majesty...	Lease of 3,834 sq. ft. on ground floor of "Shaughnessy Building," cor. McGill and St. Paul sts., Montreal, Que.	Insp. of Taxation.....	20 months from Sept. 1,1919.	$333.33 per month until May 1, 1920 and $500 per month thereafter until end of term.
" 12, 1919. .	The Royal Bank of Canada.	" . .	Lease of rooms Nos. 214 and 215 on 2nd floor of "Royal Bank Building," London, Ont.	S.C.R. Dept.....	1 year from Aug. 15, 1919.	$564 per an.
" 13, 1919...	Harry A. Knight.....	"	Lease of lots 1 to 8 incl. in block 195, Regina, Sask.	Ordnance Stores (M. & D.).	1 year from Oct. 1, 1919.	$2,780 per ann.
" 13, 1919....	His Majesty.....	Emile Paturel.	Lease of two areas on ballast wharf, Pointe du Chene, N.B.	Private enterprise.....	10 years from date of occupation.	$75 per annum.
" 13, 1919...	William Albert Dayton...	His Majesty...	Lease of one large front room on 2nd floor of building on lot No. 938, south side of Main st., Ficton, Ont.	Weights and Meas. (T. & C.).	3 years from Sept. 1, 1919.	$72 per annum.
" 15, 1919....	Allen Mfg. Co. Ltd.....	"	Lease of part of basement in "Allens' Building," cor. Pearl and Simcoe streets, Toronto, Ont.	S. C. R. Dept.....	From date of occupation to Dec. 1, 1923.	$650.00 per an.
" 18, 1919....	James E. Roy.....	"	Lease of rooms Nos. 232 to 235 incl., on 2nd floor of "Roy" building, No. 435 Barrington street, Halifax, N.S.	S. S. Board.....	1 year from date of occupation	$2,009.75 per annum.
" 18, 1919....	The Kilbourne Real Estate Co. Ltd.	"	Lease of portion of three story brick block, on lot No. 6, west side of Poulette street, Owen Sound, Ont.....	S. C. R. Dept.....	1 year from date of occupation.	$240 00 per an.
" 20, 1919....	Samuel Edw. Rand.....	"	Lease of half of garage, Nos 230 and 232, 6th Ave. West, Calgary, Alta.	S. C. R .Dept.....	1 year from Sept 1, 1919.	$185.00 per month.
" 22, 1919....	McKinley & Northwood..	"	Lease of whole of building No. 52 and 54, Rideau street, Ottawa, Ont.	Board of Pension Commissioners for Canada	1 year from Mar. 3, 1919.	$5,677.00 per annum (renewable)
" 29, 1919....	The Eastern Trust Co....	"	Lease of five offices on 2nd floor of building No. 52 Bedford Row, Halifax, N.S.	Laboratory for analyst (T. & C.).	3years from date of occupation.	$1,350.00 per annum.
" 30, 1919....	Empire Realty Co.....	"	Lease of premises Nos. 851 and 853 Fisquard street, Victoria, B.C.	S. C. R. Dept.....	1 year from Aug. 1, 1919.	$50.00 per mo.
Oct. 1, 1919...	His Majesty.....	The Protestant Orphans' Home.	Lease of all these lots. pieces and parcels of land known as "Martello Hotel property," St. John, N.B.	Additional quarters for Home.	5 years from date of occupation.	$300.00 per an.
" 6, 1919....	"	Corporation of City of Three Rivers.	Lease of parcel of land (lot 2174) Three Rivers Que.	Public park and Place d'Armes.	10 years from ensealing of presents.	$1.00 per an.

" 10, 1919....	Clara Jane Swales.....	His Majesty....	Lease of ground floor with cellar accommodation and rear entrance of building on s.w. cor. of Kinrade Ave. and Barton st., Hamilton, Ont.	Postal Station "B".....	1 year from Nov 1, 1919.	$1,200.00 per annum.
" 10, 1919....	C. & J. McLeod.....	"	Lease of five rooms and one bath-room in "McLeod Block," Charlotte street, Sydney N.S.	Medical Br. "B" Unit, S. C. Re-Est.	2 years from Sept 15, 1919.	$600.00 per an.
" 11, 1919....	Mrs. Loretta Ann Osment.	"	Lease of whole of 2nd floor of two-story brick building on Main street and 650 sq. ft. on 1st floor of adjoining building, Indian Head, Sask.	Forestry Br., Interior Dept.	7 months from Sept. 1, 1919.	$43.00 per mo.
" 14, 1919....	Andrew McMillan and William Costain.	"	Lease of ground floor of three-story brick building west side of Main street, with part of basement and right-of-way over land in rear, Toronto, Ont.	Postal Station "H".....	1 year from Oct. 1, 1919.	$85.00 per mo.
" 14, 1919....	The Trusts & Guarantee Co., Ltd.	"	Lease of store No. 608 on 2nd street east, Calgary, Alta.	Orthopædic Br. S.C.R..	2 years from Sept. 16, 1919.	$720.00 per an.
" 15, 1919....	Montreal Trust Co.....	"	Lease of 2,040 sq. ft. of "Hesslein Bldg," No. 121 Hollis street, Halifax, N.S..	Fisheries Br., Naval Service.	1 year from date of occupation.	$1,226.40 per annum.
" 16, 1919....	Barries, Limited.....	" ...	Lease of rooms Nos. 201. 206, 208 and 210 in "Barrie" Building, No. 310-314 George st., Peterboro, Ont.	Voc. Br. S.C.R.....	1 year from Sept. 15, 1919.	$960.00 per an. (renewable).
" 17, 1919....	The Drummond Street Landholders, Ltd.	....	Lease of emplacement fronting on Drummond st., with right-of-way in lane in rear of building, Montreal, Que.	S. C. R. Dept.....	5 years from Jan. 1, 1919.	$12,759.00 per annum.
" 21, 1919....	L. E. Prowse.....	"	Lease of three rooms on 1st floor of "Prowse block," Grafton st., Charlottetown, P.E.I.	Supt. of Dom. buildings	1 year from May 1, 1919.	$150.00 per an.
" 21, 1919....	C. W. Lindsay Limited...	"	Lease of rooms Nos. 22 and 23 on 3rd floor of "Lindsay" bldg., Nos. 201 203 St. John st., Quebec, Que.	S. S. Board.....	1 year from date of occupation.	$564.00 per an. (renewable)
" 21, 1919....	Kenneth A. McLeod.....	"	Lease of rooms 414, 415, 416 and 417 in "McLeod block," Edmonton, Alta.	S. S. Board.....	1 year from date of occupation.	$1,380.00 per annum (renewable).
" 22, 1919....	Pemberton & Son.....	"	Lease of rooms Nos. 324 and 325 in "Pemberton building," Victoria, B.C.	S.S. Board.....	From month to month from Oct. 22, 1919.	$25.00 per mo.
" 24, 1919....	F. S. Collacott.....	"	Lease of rooms Nos. 3 and 4 on 1st floor of "Collacott block," Yorkton, Sask..	Dental Clinic (M. & D.)	5 months from Aug. 1, 1919, and thereafter from month to month.	$30.00 per mo.
" 27, 1919....	Edward C. Wright.....	"	Lease of five offices in two-story building, Haileybury, Ont.	Voc. Br., S.C.R.....	1 year from date of occupation, and thereafter for 6 months periods.	$40.00 per mo.
" 27, 1919....	Notre Dame Investment Co. Ltd.	"	Lease of room No. 306 in "Notre Dame Investment building," Notre Dame Ave. West, Winnipeg, Man.	Asst. Dir. S.C.R.....	1 year from date of occupation.	$576.00 per annum.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Oct. 28, 1919...	The Royal Bank of Canada.	His Majesty...	Lease of rooms Nos. 302 and 303 on 3rd floor of "Royal Bank building," London, Ont.	Medical treatment for returned soldiers	9½ mos. from Nov. 1, 1919.	$42.50 per mo.
" 31, 1919...	Hector Grothe.....	" ...	Lease of first floor of stone encased building, No. 1918A St. Denis st., Montreal, Que.	Postal Station (St. Denis Ward).	3 years from date of occupation.	$1,200.00 per annum (renewable).
" 31, 1919..	The Merchants Bank of Canada.	" ...	Lease of 700 sq. ft. on 2nd floor of "Merchants Bank building," Kingston, Ont.	S. C. R. Dept	2 years from Sept. 1, 1919	$350.00 per an.
" 31, 1919....	Mercantile Trust Co. of Canada Ltd.	" ...	Lease of ground floor store, No. 115 John st. south, Hamilton, Ont.	Insp. of Weights and Measures.	2 years from June 1, 1919.	$489.00 per an.
Nov. 1, 1919...	T. McAvity & Sons, Ltd.	"	Lease of wood frame building on Government Island (rear of Exhibition buildings), St John, N.B.	Militia and Defence.....	From month to month from April 15, 1919	$35.00 per mo. (monthly tenancy).
" 1, 1919...	Frederick A. Blain.. ..	" ...	Lease of rooms Nos. 309 and 310 on 3rd floor of "Connaught block," 3rd Ave. south, Saskatoon, Sask.	S. S. Board.....	From date of occupation to June 30th, 1921.	$480.00 per an.
" 6, 1919...	P. McCool.....	" ...	Lease of whole of frame building, cor. Yonge and Birch sts., Chapleau, Ont.	Post office.....	5 years from date of occupation.	$600.00 per an.
" 10, 1919	The Bank of Nova Scotia.	"	Lease of premises on ground floor of Bank building, 1st Ave. and 10th st., Prince Albert, Sask.	S. S. Board	1 year from date of occupation.	$175.00 per mo
" 18, 1919..	A. J. C. McDermott	" ..	Lease of three-story building corner Langley and Broughton sts., Victoria, B.C.	Examining warehouse..	From Jan. 1, 1920 to Jan. 1, 1921.	$300.00 per mo
" 20, 1919...	Mrs. Elizabeth Rogers.	" ...	Lease of rooms Nos. 430 to 436 inclusive, in "Rogers Building," Vancouver, B.C.	S. S. Board.....	2 years from Nov. 1, 1919.	$130 00 per month.
" 21, 1919...	Dunlop Tire and Rubber Goods Co. Ltd.	"	Lease of two-story brick, building Nos. 306, 308 and 310 Sparks st., Ottawa, Ont., and garage annex on 309 Queen st., Ottawa, Ont.	Militia and Defence ...	1 year from Oct. 1, 1919.....	$5,100.00 per annum.
" 24, 1919...	Frederick Austin Blain	" ...	Lease of rooms Nos. 301 to 308 inclusive, in "Connaught Block," Saskatoon, Sask.	S. S. Board.....	2 yrs. from date of occupation.	$3,120 00 per annum.
" 24, 1919...	James Edward Panna...	" ...	Lease of four-story brick building ("Regal Building"), NE. corner of O'Connor and Queen sts., Ottawa, Ont.	Labour Dept	5 years from Sept. 12, 1919.	$16,590.00 per annum.
" 24, 1919...	Mrs. Ellen A. Montreuil (widow).	" ...	Lease of two and one-half story frame building, No. 16, London st. East, Windsor, Ont.	Voc. Branch, S.C.R....	2 years from Dec. 1, 1919.	$1,500 00 per annum.
" 24, 1919....	The Imperial Canadian Trust Company.	"	Lease of suites Nos. 512 and 513 of building cor. 21st and 1st ave., Saskatoon, Sask.	Supt. of Ry. Mail Service and staff.	1 year from Nov 1, 1919.	$1,161.00 per annum.
" 26, 1919....	Jas. Art. Thomson and Melville Patrick Thomson.	"	Lease of "Old Thomson Printing Block," rear of lots Nos. 7, 8 and 9, Block H, D.L. 541, Vancouver, B.C.	Voc. Branch, S.C.R....	1 year from date of occupation.	$150.00 per m. (renewable)
" 26, 1919....	Hoffmeister Bros. Ltd....	" ...	Lease of brick and mill constructed garage building, No. 1155 Pender st. West, Vancouver, B.C.	Voc. Branch, S.C.R....	2 yrs .from date of occupation.	$375.00 per m. (renewable).

"	27, 1919....	Quebec Ry., Light, Heat and Power Co. Limited.	"	....	Lease of private Office and waiting room No. 401on 4th floor of "Merger Building," Quebec, Que.	Recruiting office for Mil District No. 5.	From date of occupation to May 1, 1920.	$20.70 per mo.
Dec.	2, 1919....	Alexander Leonard Sawle.	"	....	Lease of north store in "Oliver Block," Athabaska, Alta.	Post office.....	2 years from date of occupation.	$15.00 per mo.
"	, 1919....	Notre Dame Investment Co., Ltd.	"	....	Lease of whole of 2nd floor in "Notre Dame Investment Building," Notre Dame ave. East, Winnipeg, Man.	Asst. Dir. of S.C.R.....	2 yrs. from date of occupation.	$6,000.00 per annum. (Renewable.)
"	3, 1919....	Notre Dame Investment Co. Ltd.	"	....	Lease of rooms Nos. 601, 602, 603 and 604 in "Notre Dame Investment Building," Notre Dame ave. East, Winnipeg, Man.	S.C.R. Dept.....	1 year from date of occupation.	$1,080.00 per annum. (Renewable.)
"	4, 1919....	James Stuart Mackie.....	"	— ..	Lease of offices Nos. 610, 611, 612 and 613 on 6th floor of "Lancaster Building," Calgary, Alta.	Grain Insp. (T. & C.)...	From Sept. 1, 1919, to May 1 1922.	$1,116.25 per annum.
"	4, 1919....	R. Keltie Jones and The Eastern Trust Company	"	....	Lease of building known as "Caverhill Hall" on NE. corner of Sydney and Mecklemberg sts., St. John, N.B.	Headquarters, Military District No. 7 (M.& D.).	1 year from Jan. 2, 1920.	$1,000.00 per annum.
"	5, 1919....	I. B. Duford.....	"	— ..	Lease of 1st and 2nd floors of building, No. 113, Rideau st., Ottawa, Ont.	Canada Food Board....	6 months from Jan. 2, 1920.	$7,225.00 per annum.
"	6, 1919....	Thomas Culbert.....	"	....	Lease of portion of "Culbert Block," corner St. Lawrence and Wellington sts., Merrickville, Ont.	Post office.....	1 year from Jan. 1, 1920.	$200.00 per an.
"	6, 1919....	John A. Reche.....	"	....	Lease of 2nd floor of building NE. corner of John and Main sts., Hamilton, Ont.	Inspector of Gas and Electricity.	2 years from May 14, 1919.	$720.00 per an. (Renewable.)
"	6, 1919....	Dominion Life Assurance Co.	"	...	Lease of rooms Nos. 501 and Nos. 510 to 515, inclusive, in "Westman Chambers," Rose st., Regina, Sask.	S. S. Board.....	2 yrs. from date of occupation.	$146.00 per m.
"	8, 1919....	Mrs. Elizabeth Rogers....	"	....	Lease of rooms 526 to 536, inclusive, in "Rogers Building," Granville st., Vancouver, B.C.	S. S. Board.....	2 years from Aug. 1, 1919.	$210.00 per m.
"	10, 1919....	His Majesty.....	Nagle & Wigmore.		Rental of tug "Lisgar".....	.....	From day tug is taken over at Pictou, N.S., and until returned at Pictou, N.S., not later than May 1, 1920.	$35.00 per day
"	10, 1919....	Thomas E. Spencer.....	His Majesty....		Lease of frame house corner of Dufferin and McDonald sts., Wetaskiwin, Alta.	Nurses' Home, S.C.R. Dept.	1 year from Dec. 1, 1919.	$600.00 per an. (Renewable.)
"	11, 1919....	Canadian Bank of Commerce.	"	...	Lease of rooms Nos. 2 and 3 in "Canadian Bank of Commerce Building," with use of room in basement also use of court in rear of building, Revelstoke, B.C.	"Fire Chief" Ranger....	1 year from Dec. 16, 1919.	$40.00 per mo.
"	11, 1919....	Wm. Alex. Mitchell.....	"	....	Lease of premises on 2nd floor of building Nos. 69 and 71 King st. west, Toronto, Ont.	Med. Officer, Voc. Br. S.C.R.	1 year from Dec. 11, 1919.	$1,500 per ann. (renewable).
"	13, 1919....	The Imperial Canadian Trust Co.	"	...	Lease of suite No. 713 in "Canada Building", Saskatoon, Sask.	Inland Revenue Officer.	1 year from Jan. 1, 1920.	$300 per ann.
"	15, 1919....	Dr. Thomas H. Blow.....	"	....	Lease of storeroom known as No. 515 on 8th ave. west, Calgary, Alta.	S.C. Re-Est.....	12 months from date of occupation.	$50 per month.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Dec. 16, 1919..	Canadian Pacific Railway Co.	His Majesty	Lease of space 20 ft. by 18 ft. on ground floor of Railway Station, Saskatoon, Sask.	Post Office Dept	1 year from Dec. 1, 1919.	$540 per ann.
" 22, 1919..	Notre Dame Investment Co., Ltd.	"	Lease of rooms Nos. 408 and 409 in "Notre Dame Investment Building" on Notre Dame ave. west, Winnipeg, Man.	S.C. Re-Est	1 year from Aug. 1, 1919.	$660 per ann. (renewable).
" 22, 1919..	Wm. Alfred Baner	"	Lease of room No. 508 in "Pacific Building", Vancouver, B.C.	Topographical Survey, (Mines Dept.).	From Dec. 31, 1919 to June 25, 1920.	$25 per month.
" 22, 1919..	Sarah A. Batson	"	Lease of one room 13 ft. by 23 ft. in building, Campobello, N.B.	Insp. of Fisheries (Naval Service Dept.)	1 year from Dec. 31, 1919.	$120 per ann.
" 23, 1919..	W. Homfray	"	Lease of barn, closed shed, etc., Kamloops, B.C.	Dist. Insp. Forest Reserve (Int. Dept.).	5 years from date of occupation.	$180 per ann.
" 29, 1919..	H. H. Williams & Company.	"	Lease of 1st and 2nd floors of building No. 1 College st., Toronto, Ont.	Voc. Branch, S.C.R.	1 year from Nov. 1, 1919.	$55 per month.
Jan. 1, 1920..	J. A. Hallier & The Royal Trust Co.	"	Lease of whole of 1st floor and rooms Nos. 15, 16, 17 and 18 on 2nd floor of "Mortlake Block", Edmonton, Alta.	Post Office Dept	3 years from Jan. 1, 1920.	$325 per m.
" 2, 1920..	James H. Thompson	"	Lease of 1,250 sq. ft. on ground floor of building fronting on 2nd ave., Prince Rupert, B.C.	Customs Examining Warehouse.	From Dec. 1, 1919 to Oct. 1, 1920.	$600 per ann.
" 7, 1920..	The Hope Realty Ltd	"	Lease of 3rd floor of "Hope Building", cor. Sparks and Elgin sts., Ottawa, Ont.	Ry. Mail Service (Post Office Dept.).	2 years from Jan. 29, 1920.	$2,500 per ann.
" 7, 1919..	London and British North America Company, Ltd.	"	Lease of 7th floor of "London Building", No. 626 Pender st., Vancouver, B.C.	Insp. of Taxation	3 years from date of occupation.	$4,260 per ann.
" 8, 1920..	R. J. MacKenzie	"	Lease of "Deer Lodge Hotel" with outbuildings, etc., Winnipeg, Man.	Mil. Hosp. (M. & D.)	From Dec. 1, 1919 to May 1, 1921.	$1 for full term
" 8, 1920..	Clara McCool	"	Lease of 1,100 sq. ft. on main floor of premises No. 47 King st. west, Toronto, Ont.	Militia and Defence	3 months from Dec. 23, 1919.	$135 per m.
" 10, 1920..	Bawlf Securities Ltd	"	Lease of offices on 3rd floor, small storeroom and additional storeroom on 3rd floor of "Chambers of Commerce Building", Winnipeg, Man.	Interior Dept	1 year from Dec. 1, 1919.	$160 per m.
" 12, 1920..	The Eastern Trust Co	"	Lease of one room on 3rd floor of stone building, cor. Hollis and Prince sts., Halifax, N.S.	Tax Officer (Fin. Dept.)	Oct. 1, 1919 to May 1, 1920.	$16.87 per m.
" 12, 1920..	The Eastern Trust Co	"	Lease of office on 3rd floor of stone building, cor. Hollis and Prince sts., Halifax, N.S.	Commissioner of Taxation.	7 months from Oct. 1, 1919.	$10 per m.

"	12,	1920..	George A. Cameron.....	"	....	Lease of ground floor of two-story brick building, No. 66 Charlotte st., St. John, N.B.	Garage for S.C.R.....	2 years from Sept. 7, 1919.	$55 per month.
"	14,	1920..	Sun Life Assurance Co. of Canada.	"	....	Lease of additional part of ground floor of "Sun Life Building", Sherbrooke, Que.	S.S. Board.....	1 year from May 1, 1920.	$20 per month.
"	14,	1920..	Notre Dame Investment Co., Ltd.	"	...	Lease of offices bearing Nos. 705 to 710 incl. in "Notre Dame Investment Building", Notre Dame ave. east, Winnipeg, Man.	Dist. Engr. Pub. Works and staff.	1 year from Jan. 1, 1920.	$2,000 per ann.
"	14,	1920..	The Tribune Publishing Co., Ltd.	"	....	Lease of room No. 410 on 4th floor of building n.e. cor. of Graham ave. and Smith st., Winnipeg, Man.	Dir. of Publicity and Information Bureau.	1 year from Jan. 6, 1920.	$1,200 per ann.
"	15,	1920..	Kenneth A. McLeod.....	"	....	Lease of rooms Nos. 611, 612 and 613 on 6th floor of "McLeod Building", Edmonton, Alta.	Med. Br. S.C.R. Dept..	1 year from Aug. 1, 1919.	$100 per m.
"	15,	1920..	L. V. Kerr.....	"	....	Lease of rooms Nos. 105 and 106, 106½ and 109 on 1st floor of "Kerr Building", Regina, Sask.	Dental Offices for C.A. D.C.	From Jan. 15, 1920 to July 15, 1920.	$130 per m.
"	16,	1920..	Capt. R. A. Casson.....	"	....	Lease of five offices on 2nd floor of building on Inglis st., Truro, N.S.	Dental Clinic S.C.R....	From month to month from Jan. 1, 1920.	$20 per month. (monthly tenancy).
"	20,	1920..	The Great War Veterans' Association.	"	....	Lease of 4,230 sq. ft. on 3rd floor of "Veterans' Block", Regina, Sask.	S.C.R. Dept.....	2 years from Mar. 1, 1920.	$5,220 per ann.
						Lease of 624 sq. ft. on 4th floor of "Veterans' Block", Regina, Sask.	"	From month to month from date of occupation.	$65 per month (monthly tenancy).
"	23,	1920..	Jarvis Verner McLelland..	"	....	Lease of one room on 3rd floor of "Stockton Building", No. 94, Prince William st., St. John, N.B.	"	From date of occupation to May 1, 1921.	$175 per ann.
"	26,	1920..	Mrs. Eva Carling.....	"	....	Lease of 2nd, 3rd, 4th, 5th, 6th and 7th floors of "Carling Building", Ottawa, Ont.	Interior Dept.....	3 years from Feb. 22, 1920.	$15,000 per ann. (renewable).
"	27,	1920..	James Stuart Mackie.....	"	....	Lease of suite of rooms Nos. 207 and 208 in "Lancaster Building", Calgary, Alta.	S.C.R. Dept.....	1 year from Nov. 19, 1919.	$1,500 per ann.
"	27,	1920..	James Stuart Mackie.....	"	....	Lease of rooms Nos. 900 (with fireproof vault), 901, 902 and 906, on 9th floor of "Lancaster Building", Vancouver, B.C.	Post Office Insp.....	2 years from date of occupation.	$3,840 per ann.
"	28,	1920..	London & British North America Co, Limited.	"	....	Lease of 1,243 sq. ft. and vault on 8th floor of "London Building", Vancouver, B.C.	Supt. of Dredges.....	2 years from Feb. 1, 1920.	$110 per m.
"		.....	Grand Trunk Ry. of Canada.	"	....	Lease of Company's building in station yard, Montreal, Que.	Shelter or rest room for P. Off. employees.	5 years from Sept. 1, 1919.	$144 per ann.
"	29,	1920	McDougal's Limited.....	"	....	Lease of 6,218 sq. ft. on 2nd and 3rd floors of "Sussex Building", Ottawa, Ont.	Air Board (M. & D.)....	3 years from date of occupation.	$3,730.80 per annum.
"	30,	1920..	The Montreal Trust Company.	"	....	Lease of two offices on 1st floor of "Hesslein Building", No. 121 Hollis st., Halifax, N.S.	Gas and Electricity Inspector.	1 year from Nov. 1, 1919.	$600 per ann. (renewable).
"	30,	1920..	Horace Hazzard.....	"	...	Lease of one room in "Cameron Block", Richmond st., Charlottetown, P.E.I.	Insp. of Dredges.....	1 year from Oct. 23, 1919.	$150 per ann.
Feb.	2,	1920..	The Royal Bank of Canada.	"	....	Lease of room No. 304 on 3rd floor of "Royal Bank of Canada Building", London, Ont.	Medical treatment for returned soldiers.	9½ months from Nov. 1, 1919.	$275 or te m.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920.—*Continued*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Feb. 2, 1920.	The Dominion Savings & Investment Society.	His Majesty. .	Lease of rooms Nos. 305 and 306 on 3rd floor of "Dominion Savings & Investment Society Building", London, Ont.	S.S. Board.....	1 year from June 2, 1919.	$50 per month.
" 2, 1920.	Henry W. Angus.....	" ...	Lease of space on ground floor and storage space in basement of "Angus Block", North Bay, Ont.	Ontario Hydrometric Survey (Int. Dept.).	1 year from Jan. 1, 1920.	$40 per month.
" 2, 1920.	Paul D. Hendershot & Elihu Wigle.	" ...	Lease of 1st floor of brick building No. 30 Pitt st. east, Windsor, Ont.	S.C.R. Dept.....	From date of occupation to April 2, 1920.	$420 per ann.
" 2, 1920.	Union Bank of Canada....	"	Lease of two rooms in rear of building, Truro, N.S.	Storing despatching mail (P. Off. Dept.).	1 year from date of occupation.	$20 per month.
" 2, 1920.	Kamloops Building Syndicate.	" ..	Lease of room No. 10 in "Acadia Building", Kamloops, B.C.	Dist. Insp. Forest Reserve.	From Sept. 11, 1919.toJuly 15, 1920	$16 per month.
" 3, 1920.	Nova Print Limited.....	" ..	Lease of ground floor of three-story wood building No. 229 Hollis st., Halifax, N.S.	Weights and Measures. (T. & C.).	1 year from Jan. 7, 1920.	$840 per ann.
" 6, 1920.	A. E. Clarke.....	" ...	Lease of 2nd floor of "Clarke School of Mechanical Dentistry," No. 1406 Douglas st., Victoria, B.C.	S.C.R. Dept.....	From date of occupation to Nov. 1, 1920.	$50 per annum (renewable).
" 6, 1920	The Royal Institution for the Advancement of Learning.	" ..	Lease of premises known as "Montreal College of Pharmacy", No. 163 Ontario st., Montreal, Que.	"	1 year from May 1, 1920.	$1,500 per ann.
" 6, 1920	J. W. Morris, National Motors Co.	" ..	Lease of corrugated iron frame garage, No. 1017 Rockland ave., Victoria, B.C.	S.C.R. Motor Mechanics	18 months from Jan. 1, 1920.	$2,400 per ann. (renewable).
" 7, 1920	A. Belanger Limited....	" ...	Lease of building 40 ft. by 30 ft. near I.C.R. Station, Montmagny, Que.	Storing machines, tools, etc., P.W.D.	1 year from Nov. 1, 1919.	$50 per annum.
" 9, 1920..	George Bell.....	" ...	Lease of brick store No. 1019 Cork st., Victoria, B.C.	Storeroom in connection with "Craigdarrach" Hosp.	1 year from Jan. 1, 1920.	$20 per month.
9, 1920..	James Alec. Yager.....	" ...	Lease of 2,075 sq. ft. of building on lots Nos. 18 and 19, Block 55, Swift Current, Sask.	Post Office.....	1 year from Nov. 20, 1919.	$175 per m.
" 9, 1920.	Eastern Trust Co.....	" ...	Lease of three rooms on 3rd floor of stone building, cor. of Hollis and Prince William sts. Halifax, N.S.	Inspector of Taxation...	2 years from May 1, 1920.	$640 per ann.
" 10, 1920.	Whitmore Bros. Limited..	"	Lease of brick building, cor. of 12th Ave. and Hamilton st., Regina, Sask.	Headquarters for 12th Mil. Dist.	1 year from June 1, 1920.	$4,200 per ann.
" 11, 1920.	Seaforth Overseas Club...	"	Lease of three story, frame building on lots Nos. 16, 17, 18, 19 and 20, Block 29 D.L., 185, Vancouver, B.C.	Headquarters for Armoury of 12th Regt. Seaforth Highlanders.	3 years from date of occupation.	$125 per m.
" 11, 1920..	The Kilbourn Real Estate Co.	"	Lease of room No. 1 in building No. 908 2nd ave.,Owen Sound, Ont.	Voc. offices for S.C.R...	1½ years from Sept. 23, 1919.	$180 per ann. (renewable).

"	13, 1920....	Alexander Macdonald....	"	Lease of rooms Nos. 8 to 13 incl. in "K.W.C." Block, cor. of Ward and Baker sts., Nelson, B.C.	Trade and Commerce and P.W. Dept.	1 year from Apr. 1, 1920.	$480 per ann.
"	13, 1920....	Quebec Ry., Light, Heat and Power Company, Limited.	"	Lease of suite No. 408 in "Merger Building," Quebec, Que.	Information and Service Br. S.C.R..	1 year from Apr. 30, 1920.	$540 per ann.
"	14, 1920....	The Ottawa Electric Co..	His Majesty....	Lease of three ground floor offices in "Thistle Building," No. 26 Wellington st., Ottawa, Ont.	Trade and Commerce..	From month to month from Feb. 15, 1920.	$100 per m. (monthly tenancy.)
"	16, 1920....	His Majesty.....	Rimouski Fishing and Cold Storage Co., Ltd.	Lease of portion of wharf, Rimouski, Que...	Private enterprise.....	21 yrs.from date of occupation.	$25 per m.
"	16, 1920....	Quebec. Ry., Light, Heat and Power Co. Ltd.	His Majesty....	Lease of one large room on 5th floor of "Merger Building," Quebec, Que..	S.C.R. Dept.....	1 year from May 1, 1920.	$1,400 per an.
"	16, 1920....	Quebec Ry., Light, Heat and Power Co. Ltd.	"	Lease of 234 sq. ft. with exit on corridor leading to lavatory on 5th floor of " Merger building," Quebec Que.	Stenographers and typewriter, S.C.R. Dept.	1 year from May 1, 1920.	$270 per an.
"	1920....	His Majesty.....	Fraser, Brace & Co., Ltd.	Lease of area on wharf, Ste-Anne de Chicoutimi, Que.	Private enterprise.....	1 year from date of occupation.	$100 per an.
"	18, 1920....	Hoffmeister Bros. Ltd....	His Majesty....	Lease of premises N. 72 ft. of lot No. 16, Block 15, D.L. 185, Group I, in rear of Hoffmeister Building, Vancouver, B.C.	S.C.R. Dept.....	1 year from Jan. 1, 1920.	$300 per an. (Renewable.)
"	19, 1920....	W. D. McKay.....	"	Lease of store, No. 10862 White Ave., Edmonton South, Alta.	Commercial Class (S. C. R.).	From month to month from Jan. 15, 1920.	$35 per m. (monthly tenancy).
"	20, 1920....	Williamson Bros.....	"	Lease of ground floor, 1st floor and front offices on 2nd and 3rd floors, and use of three vaults in "Williamson Block," Edmonton, Alta.	S. S. Board.....	3 yrs. from date of occupation.	$16,000 per annum.
"	21, 1920....	Dominion Fish & Fruit Co., Ltd.	"	Lease of ground floor of "Dominion Building," St. Peter st., Quebec, Que.....	Postal Station "B".....	3 yrs. from May 1, 1920.	$4,500 p. ann.
"	23, 1920....	J. L. Hopwood and Wm. Hopwood, joint liquidators of Hopwoods, Ltd.	" ...	Lease of three rooms with front and rear entrance on ground floor and lavatory in basement of building No. 366 Water street, Peterborough, Ont.	Weights and Measures...	1 year from Jan. 1, 1920.	$300 per an.
"	23, 1920....	Arthur and M. P. Thomson.	"	Lease of rear portion of premises No. 316 Cordova st. West, Vancouver, B.C.	S. C. R. Dept.	From month to month from Jan. 10, 1920.	$50 per m.
"	23, 1920....	The Standard Bank of Canada.	"	Lease of one room on 1st floor of "Standard Bank Building," Beneville, Ont.	Food Inspector for District No. 10.	1 year from date of occupation.	$17.50 per m. (Renewable.)
"	23, 1920....	Alexandria Realty Co., Ltd.	"	Lease of 814 sq. ft. on main floor of "Alexandria Block," Emerson, Man...	Immigration and Colonization Dept.	3 yrs. from date of occupation.	$20 per m.
"	24, 1920....	The Board of Trade of Winnipeg.	"	Lease of portion of ground floor of "Board of Trade Building," corner of Water and Main sts., Winnipeg, Man.	S.C.R. Dept.....	From month to month from Jan. 31, 1920.	$100 per m. (monthly tenancy.)
"	26, 1920....	Quebec Ry., Light, Heat and Power Co., Ltd.	"	Lease of whole of 2nd floor of building No. 103 St. John St., Quebec, Que.	Archives Dept.	1 year from May 1, 1920.	$50 per m. (Renewable.)
"	27, 1920....	Edmund Wood Clark.....	"	Lease of dwelling house and premises No.12, west side of Emmett st. and south side of Lisgar st., Ottawa, Ont.	National Medical Museum (M. & D.).	1 year from Apr. 30, 1920.	$51.60 per m.

STATEMENT No. 3.—Properties leased to and from the Department of Public Works of Canada, from April 1, 1919, to March 31, 1920—*Concluded*

Date of Lease.	Lessors.	Lessees.	Description of Property.	For what purpose.	Duration of Lease.	Rental.
Feb. 27, 1920....	Mde. Edgar Horace Cimon	His Majesty....	Lease of two rooms on ground floor of "Cimon Block," Riviere du Loup, Que.	S. C. R.....	From Jan. 8, '20 to Jan. 31, 1921 and thereafter from month to month.	$15 per m.
" 28, 1920....	John Best.....	"	Lease of store 20 ft. x 50 ft. in building north-west cor. of Johnston road and Elizabeth st., etc., Alberni, B.C.	Post office	3 years from April 1, 1920	$180 per an.
Mar. 1, 1920....	The Bank of Toronto.....	"	Lease of room on upper floor with use of lavatory in Bank building, n.w. cor. of Queen st. and Logan ave., Toronto, Ont.	Gas and Electricity Inspection.	1 year from May 1, 1920.	$240 per an.
" 2, 1920....	Dame Edith Marion Shorey.	"	Lease of office on 2nd floor of civic No. 394, Victoria ave., Westmount, Que.	Gas inspection office....	1 year from May 1, 1920.	$300 per an.
" 4, 1920....	Wm., John H. and G. W. Birks.	"	Lease of offices Nos. 629, 630 and 631 on 6th floor of "Birks Building," Vancouver, B.C.	Pacific clearing station.	1 year from Jan. 1, 1920.	$75 per m.
" 4, 1920....	Rosina Gintzburger.....	"	Lease of west half of ground floor of two-story building, No. 155 Cordova st. West, Vancouver, B.C.	S.C.R. Dept.....	6 months from date of occupation.	$1,212 per an. (Renewable.)
" 4, 1920....	United Securities Corporation.	"	Lease of rooms 1400, 1401 and 1402 on 14th floor of "Tower Building," Vancouver, B.C.	S.C.R. Dept.....	From month to month from Jan. 26, 1920.	$35 per m. (monthly tenancy).
" 4, 1920....	Thomas Beckenham and D. J. Riley.	"	Lease of one front room and two offices on 2nd floor, also 284 sq. ft. on 2nd floor of "Riley Building," Queen st., Charlottetown, P.E.I.	S. S. Board.....	1 year from Mar. 1, 1920.	$900 per an.
" 6, 1920....	Montreal Metropole Co., Ltd.	"	Lease of portion of second flat of three-story stone building, No. 15 St. James st., Montreal, Que.	Board of Commerce....	15 months from Feb. 1, 1920.	$12.50 per m.
" 8, 1920....	La Sauvegarde (Compagnie d'Assurance sur la vie).	" ...	Lease of premises on roof of "La Sauvegarde Building," Montreal, Que.	Signal service (Marine & Fisheries).....	1 year from May 1, 1920.	$100 per an.
" 9, 1920....	McCallum Hill Building, Ltd.	"	Lease of rooms Nos. 116 and 118 in building No. 1874 Scarth st., Regina, Sask.	Trade and Commerce...	1 year from Apr. 1, 1920.	$1,200 per an.
" 9, 1920....	T. T. Barnes.....	"	Lease of portion of 2nd floor of "Barnes Building," cor. of Gore and Queen streets, Sault Ste. Marie, Ont.	S. C. R. Dept.....	2 years from Oct 1, 1919.	$660 per an.
" 10, 1920....	Dorchester Realties Ltd..	"	Lease of 4,335 sq. ft. on 10th floor of "Shaughnessy Building," cor. McGill and St. Paul sts., Montreal, Que.	Income Tax Inspector...	3 yrs. from May 1, 1920.	$6,450 per an.

"	10, 1920....	United Securities Corporation.	"	....	Lease of rooms Nos. 1000, 1001 and 1002 on 14th floor of "Tower Building," Vancouver, B.C.	Engineering Br., S.C.R..	From month to month from date of occupation.	$510 per an.
"	10, 1920....	John Albert Short.....	"	....	Lease of one-story frame building, No. 220 Hampton st., Winnipeg, Man.	Militia and Defence.....	1 year from Dec. 1, 1919.	$40 per an. (Renewable.)
"	10, 1920....	George O. Hill.....	"	....	Lease of ground floor space in two-story frame building in rear of E. O. Hill's drug store, No. 303 Nairn ave., Winnipeg, Man.	Postal Station "F".....	1 year from date of occupation.	$30 per m.
"	10, 1920....	United Securities Corporation.	"	....	Lease of rooms Nos. 1300, 1301, 1302 and 1303 in "Tower Building," Vancouver, B.C.	Dental Br., S.C.R.....	From month to month from Jan. 10, 1920.	$70 per m. (monthly tenancy).
"	11, 1920....	Mrs. Odile Lavoie.....	"	....	Lease of premises No. 116 Letourneux street, Maisonneuve, Que.	Postal Station "M".....	1 year from May 1, 1920.	$600 per an.
"	13, 1920....	W. J. Wall.....	"	....	Lease of brick and cement garage, Nos. 142 and 144 Bleury st., Montreal, Que.	Militia and Defence.....	1 year from May 1, 1920.	$3,000 per an. (Renewable.)
"	16, 1920....	Imperial Canadian Trust Co.	"	....	Lease of rooms Nos. 401 and 402 in "Canada Building," Saskatoon, Sask.	Asst. Inspector of Taxation.	1 year from Apr. 1, 1920	$1,197 per an.
"	16, 1920....	B.C. Land and Investment Agency Ltd.	"	....	Lease of suites "A" and "B" in Law Chambers, No. 531 Barton st., Victoria, B.C.	Information and Service Rranch, S.C.R.	From month to month from date of occcupation.	$45 per m. (monthly tenancy.)
"	17, 1920....	Sun Life Assurance Co....	"	....	Lease of room No. 9 on 2nd floor of " Sun Life Building," Sherbrooke, Que.	S. S. Board.....	1 year from May 1, 1920.	$240 per an.
"	18, 1920....	The Ottawa Wine Vault Co. Ltd.	"	....	Lease of premises Nos. 35 and 37 George st., Ottawa. Ont.	Militia and Defence.....	1 year from Apr. 18, 1920.	$8,130 per an. (Renewable.)
"	23, 1920....	Frank Jarman.....	"	....	Lease of first two flats and basement of premises Nos. 326 and 328 Queen st., Ottawa, Ont.	Patents Branch (T. & C.)	1 year from May 1, 1920.	$130per m.
"	24, 1920....	R. L. & R. Blackburn.....	"	....	Lease of 69,948 sq. ft. of "Union Bank Building," cor. Sparks and Metcalfe sts., Ottawa, Ont.	Several Depts. of Federal Government.	5 years from Jan. 1, 1920.	$69,755 per annum.
"	26, 1920....	Barries Limited.....	"	.....	Lease of room No. 113 on 2nd floor of "Barrie Building," George St., Peterborough, Ont..	S.C.R. Dept.....	1 year from Nov 21, 1919.	$250 per an.
"	29, 1920....	James Richardson & Sons, Ltd.	"	....	Lease of "Mill Building," King st. West, Kingston, Ont.	S.C.R. Dept.	23 months from Oct. 1, 1919.	$300 per m. (Renewable.)
"	30, 1920....	Halifax Relief Commiss'n	"	....	Lease of 1st and 2nd floors of "Relief Administration Building," Halifax, N.S.	Voc. Br. S.C.R.....	From month to month from Sept. 1, 1919.	$200 per m. (monthly tenancy).
"	30, 1920....	Alexander Building, Ltd...	"	....	Lease of 2nd floor of "Read Building," on Alexander st., Montreal, Que.	Ordnance and Barrack stores (M. & D.)	From May 1, 1920 to May 1, 1921.	$10,000 per an.
"	31, 1920....	The Post Publishing Co., Ltd.	"	....	Lease of room No. 5 in "Post Building," Dorchester st., Sydney, N.S.	Sub-Agent of Marine and Fisheries.	1 year from May 1, 1920.	$216 per an.

THE NATIONAL GALLERY OF CANADA

By Eric Brown, Director.

The premises of the National Gallery were once more occupied by the House of Commons until the opening of the 1920 session in February, when the Houses of Parliament vacated the Victoria Museum for the new buildings.

The trustees applied for an appropriation of $35,000 to be placed in the main Parliamentary estimates, but only $10,000 was voted, the sum allowing for nothing but the bare necessities of maintenance, permitting no acquisitions, and again preventing much absolutely necessary work of restoration and renovation from being carried out.

During the year, therefore, the principal activity of the National Gallery has again been the development of its loan exhibitions of works of art to art societies or public bodies possessing proper facilities for their free public exhibition. The following loan exhibitions were arranged in Canada and the United States:—

YEARLY LOANS.

St. John Art Club, St. John, N.B., 11 pictures.
Library and Art Union, Sherbrooke, P.Q., 23 pictures.
Public Library, Collingwood, Ont., 10 pictures.
Art Gallery of Hamilton, Hamilton, Ont., 21 pictures.
Dept. of Trade and Commerce, Ottawa, Ont., 12 pictures.
Public Library, Windsor, Ont., 11 pictures.
Public Library, Moosejaw, Sask., 18 pictures.
Regina College, Regina, Sask., 18 pictures.
Museum of Fine Arts, Winnipeg, Man., 19 pictures.
Public Library, Port Arthur, Ont., 22 pictures.
Public Library, Fort William, Ont., 20 pictures.
Dominion Archives, Ottawa, Ont., 11 pictures.

TEMPORARY EXHIBITIONS.

Art Association of Montreal, lithographs and colour prints.
Art Gallery of Toronto, 74 pictures.
Provincial Exhibition, New Westminster, B.C., 20 pictures.
Western Fair's Association, London, Ont., 6 pictures.
Carnegie Institute, Pittsburgh, Pa., 74 pictures.
City Art Museum, St. Louis, Missouri, 35 pictures.
Hackley Gallery, Muskegon, Mich., 35 pictures.
Institute of Arts, Minneapolis, Minn., 35 pictures.
Art Institute of Chicago, Chicago, Ill., 35 pictures.
Milwaukee Art Institute, Milwaukee, Wis., 35 pictures.

The National Gallery Travelling Scholarship was not awarded owing to the National Gallery appropriation containing no provision for it.

As soon as it became certain that the Houses of Parliament would shortly vacate the Victoria Museum, the trustees, in consideration of the fact that the National Gallery had entirely outgrown its premises before their occupation by the Houses of Parliament, and in view also of the fact that proper care of valuable works of art could not be exercised owing to the impossibility of controlling the heating, ventilation and cleanliness of the National Gallery so long as it was not separated from the rest of the building where no such control was exercised, the trustees made application to the Hon. Minister of Public Works for the whole of the east wing of the Museum with special entrance at the east end and fireproof separation from the rest of the building.

The trustees' application was granted and plans and specifications were prepared by the director and the chief architect for carrying out the work.

During the year the National Gallery was requested by the Canadian War Records Office to undertake the storage of the pictures and other works of art commissioned overseas and in Canada until such time as a special building would be provided for them, and a storage room was built for them in the National Gallery workshop.

The trustees met formally on one occasion and the following works of art were added to the National Gallery collection by gift or purchase:—

GIFTS.

1. Portrait of Sir George Drummond, First Chairman of the Advisory Arts Council, painted by Prince Troubetzkoi and presented by Mr. and Mrs. Huntley Drummond.
2. Three bookplates, two by Stanley Harrod, and one by H. H. Howard, R.C.A., presented by Sir Edmund Walker.
3. Pencil drawing of Professor Mavor, presented by the artist, Mr. F. S. Challener, R.C.A.
4. Etching, "The Wellington Shield," by Thomas Stothard, R.A., presented by Lady F. Borden, Ottawa.
5. Sixty-five war lithographs, presented by the Imperial War Museum.

PURCHASES.

1. Nine war poster lithographs—E. Spencer-Pryse.
   "The Madonna (Belgium)."
   "Belgium 1914" (The Widow).
   "Fugitives."
   "The Only Road for an Englishman."
   "Fugitives" (large panel).
   "Belgian Red Cross Cartoon."
   "Serbian Red Cross Cartoon."
   "The Wayside Cross."
   "Flight by Sea."

2. "Portrait"—Regina Seiden.

3. Seventeen colour prints—W. J. Phillips.
   "Dying Pines."
   "The Little Saskatchewan."
   "Sunset, Whitefish bay, Lake of the Woods."
   "The Lake."
   "Rosie."
   "Margaret."
   "After the Storm."

3. Seventeen colour prints—*Con.*
   "Winter in Winnipeg."
   "Winter."
   'The Path of Gold."
   "The Waterfall."
   "Winnipeg River at Minaki."
   "Crow's Island, Lake of the Woods."
   "White Wilderness."
   "The Island."
   "Vilas Park, Madison."
   "Sunset, Lake of the Woods."

4. Etching—"Mary Olsson"—Zorn.

5. Drawings (2)—W. Raphael.
   "Habitant."
   "Snow Shoer,"

6. Etchings (2) Mary Cassatt.
   "Femme vue de Face, Tenant un Enfant dans ses Bras."
   "Mere et enfant."

7. "Portrait of Artist"—Kreighoff.